City of Winnipeg

2002 Annual Capital Estimates

and

2003 to 2007 Five-Year Capital Forecast

Adopted by Council on February 11, 2002

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Reader's Guide

This **Reader's Guide** is intended to provide the reader with a basic understanding of the capital budget document developed from the capital budgeting process, as well as briefly describe the document's content and layout.

The **Adopted 2002 Annual Capital Estimates and the 2003 to 2007 Five-Year Capital Forecast** provides summary and detailed information on capital projects and financing for the capital program, set out in the following sections:

- The **Overview** section is primarily narrative in nature, providing summary information on all key capital budget issues. The Overview includes capital budget highlights, a profile of the City of Winnipeg, information on the City's accomplishments as they relate to capital programming, describes the budget process including the policies used to develop the budget and provides information on some of the major capital projects included in the City's capital investment plan. This section also includes financial summaries on the total capital program, how it will be financed, as well as trend analysis as it relates to the City's debt and finance charges, debt load, funding of major program areas, and budget recommendations.

- A section entitled **Capital Projects Summary** provides a summary listing of capital projects for 2002 through to 2007, highlighting financing methods and the necessary related financing requirements.

- The **Capital Projects Detail** section gives additional details about each project in the estimates, including project descriptions, a six-year financial forecast, cash flow projections, the impact on the operating budget, and previous budget authorizations, if applicable. The capital priority rating is identified, as well as the link to Plan Winnipeg to ensure all capital projects align with corporate objectives.

- The **Exhibits** section includes excerpts from the City's financial statements as it relates to the General Capital Fund, information on reserve balances, the capital priority rating system, a historical analysis of borrowing authority, sources of funds and application of funds, an analysis of current and potential debt, cash flow summaries, a reconciliation of the Preliminary 2002 to 2007 Capital Program to the 2002 to 2007 Capital Program adopted by Council, and a glossary of terms to help the reader understand the capital budget document.

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Winnipeg

The City of Winnipeg

Overview

2002 Annual Capital Estimates

and

2003 to 2007 Five-Year Capital Forecast

Adopted by Council on February 11, 2002

1. Highlights

Capital investment of $1.3 billion. Priority capital improvement work totalling $1.3 billion will be undertaken in the City of Winnipeg over the next six years. Areas of major investment include:

- $265 million for the City's water system, of which $196 million is dedicated to the development of a water treatment plant
- $244 million for hydro infrastructure
- $152 million for the City's regional street system, including $41 million for the new Provencher Bridge
- $150 million for land drainage and flood control, including $6 million for permanent secondary dikes
- $106 million for local street renewal
- $102 million for the City's transit system of which $77 million will go toward buying new transit buses
- $94 million for sewage disposal projects

Fiscal responsibility. The plan is also fiscally responsible. We are:

- **Moving closer to pay-as-you-go** - For the fourth year in a row, the City's 2002 tax-supported capital program will not require any new external debt. The City achieved its goal of internally financing the total borrowing requirements of the tax-supported capital program in 1999, four years ahead of the original plan. Most of the capital program for the City's water and sewer utilities is also funded on a pay-as-you-go-basis.
- **Lower debt and finance charges** - Over the past few years, Council has reduced its capital program to address concerns about rising debt and finance charges. Initially, a self-imposed borrowing cap on tax-supported programs was adopted. In 1999, a decision was made to eliminate new external debt authorizations for tax-supported projects. The 2000 and 2001 capital budgets and this budget adhere to this direction. These initiatives have had, and will continue to have, a positive impact on the City's goal to reduce its debt and finance charges and reduce the pressure on property taxes.

Strategic partnerships. The City will continue to lever funding from other levels of government to augment its capital program. Current efforts include:

- **National Infrastructure Program** – The City and the Federal and Provincial governments have developed strategic partnerships through the Canada/Manitoba Infrastructure Program. Projects include development of Waterfront Drive, reconstruction of Main Street, the new Provencher Pedestrian Bridge, the Millennium Library, and the multi-use expansion of the St. James Centennial Pool. The City's share of these five projects has either already been cash flowed or is included in this capital budget. We will continue to work together to make further improvements to the City's infrastructure in the upcoming months. A strong infrastructure base is a key component in supporting a dynamic and competitive economy.
- **Local street renewal** - The proposed budget includes a local street renewal program, which totals $106 million over the six-year period. This includes $5 million per year for a total of $30 million from the province, over and above Urban Capital Projects Allocation (UCPA) funding. The City will continue to request funding from other levels of government to augment the program.

2. Profile of Winnipeg

The Spirit of the NEW CENTURY

Winnipeg is a thriving, dynamic 21st century city. Located in the very heart of North America, the City exemplifies all the advantages that have led the United Nations to rank Canada's quality of life the highest in the world for seven consecutive years. Open for business, competitive, and affordable, Winnipeg offers an exceptional environment in which to live, work, and play.

Located at the geographic centre of the country, Winnipeg is a hub of the transportation and communications industries—an ideal location for accessing the world's most prosperous markets.

Strategic partnerships and investments are raising Winnipeg's profile and opening up opportunities worldwide. The City has launched "Smart Winnipeg," to foster the growth of its information technology sector, and promote the creation of a cyber village in the Exchange District. The Centre*Venture* Development Corporation is facilitating or financially assisting 38 projects downtown involving a total of $52 million in redevelopment and restoration investments. These and many other economic initiatives are building on the City's existing strengths—including its 24-hour airport and road and rail links that permit delivery of goods anywhere in the world in 48 hours or less.

The Spirit of ENTERPRISE

Winnipeg's economy is the most diverse in Canada. Its agribusiness sector is a global leader. Its aerospace industry is the largest in Western Canada; its apparel industry Canada's third largest. Canada's largest insurance company is located right downtown, and the nation's largest media enterprise is headquartered here as well.

Winnipeg's economic foundation is solid, but that doesn't mean that new things aren't happening every day—things like the growth of film production, which generated approximately $37 million in economic benefit in 1999–2000. Or consider the growth of commercial construction—10% in the year 2000. Winnipeg welcomes new businesses, new residents, and new opportunities.

The Spirit of COMMUNITY

Winnipeg historically has one of Canada's lowest unemployment rates, and a recent KPMG study showed it is one of the lowest business cost centres in North America and Europe. The City has very competitive hydro rates, office rental, and industrial rental costs.

What's more, it's good to live and work in Winnipeg. Winnipeg managers have identified the City's low cost of living, high standard of living, and excellent work force as major strengths. With three universities, several colleges, and technical centres located in Winnipeg, its work force is also multilingual and highly skilled.

Winnipeg's 632,000 residents—more than half of Manitoba's population—love their City. Its housing prices are among the most affordable of any Canadian city, and it has some of the world's most renowned arts organizations and several professional sports teams.

Whether cheering the Manitoba Moose, applauding the Royal Winnipeg Ballet, or singing along with "Barrett's Privateers" at the Winnipeg Folk Festival, Winnipeggers never lack for spectacle, fun, and a real sense of community.

The City is filled with scenic parks and is only an hour's drive from one of North America's great fresh water lakes, complete with white sandy beaches, fishing, and sailing.

With its natural beauty, cultural treasures, and enterprising spirit, Winnipeg is making the 21st century its own.

Embrace the Spirit • Vivez l'esprit

3. Accomplishments

This capital budget addresses capital funding priorities for the future. It is important to recognize, however, that the City has made significant progress towards meeting corporate priorities through past capital budget decisions.

In the civic document entitled "*Report on Performance*", several of these accomplishments were identified. Some of these accomplishments include:

- **Street Renewal Program** – The Public Works Department administered a $10.137 million residential street capital program involving restoration or rehabilitation of approximately 120 blocks of residential streets in the City. The street widening and intersection improvement at Regent Avenue and Lagimodiere Boulevard was completed, and construction was started on the Moray Street extension to Grant Avenue.

- **Expansion of E-Government** - A number of City Internet and Intranet web sites were developed to enhance the access to and delivery of government services to benefit citizens, business partners and employees. This includes automated call centres and interactive voice technology to help respond to citizen inquiries, access to electronic reports and brochures, access to property assessment information, scanning for public library holdings, electronic transit trip planning, recreation program registration and electronic permit issuance. A comprehensive enterprise resource planning system called 'Connexus' is being developed to integrate some of our key business processes and will serve as the foundation for further e-government initiatives.

- **Enhanced Safety Services** - Implemented a new communications system for the Winnipeg Police Service and commenced the process for a similar system for the Fire Paramedic Service.

- **Improvement to the Water Supply** - Established a treatment facility to reduce lead levels in the City's water distribution system. Also received adoption from Council for a Water Treatment Facility for the City's water supply.

- **Provencher Bridge** - Construction of the vehicular bridge began in July 2001 and is progressing on schedule. Funding for the Pedestrian Bridge was confirmed by the Canada/Manitoba Infrastructure Program in August 2001. Detailed design for the Pedestrian Bridge commenced in September 2001 and is on schedule for a construction start in July 2002.

- **Improvements to Transit System** - The Transit Department has undertaken a number of projects to improve services, which include:
  - **Bus replacement** - A multi-year bus replacement contract was awarded for 82 new low floor buses. In 2001, 20 buses were delivered with the remaining 62 buses expected in late 2002 and early 2003. These deliveries will make the fleet 38% wheelchair accessible.
  - **Automated handi-transit scheduling system** – Using an internally developed system, handi-transit customers will be able to reduce the time necessary to confirm trips from 48 to 24 hours in advance of a trip. The new system will also result in improved efficiency of the handi-transit service.
  - **Bus stop and terminal upgrades** - Through a partnership agreement with the developer, a new transit terminal was constructed and opened at the new Unicity Mall Shopping Centre. In addition, amenities for transit passengers were upgraded at the following major bus stops; Concert Hall northbound, Main and Pioneer northbound, Northgate Mall, and along Main Street through the Mosaic Market area.

- **Library Initiative** – Completed phase one of the Community Computer Access Program within the libraries to install a network that links all branch libraries to provide Internet access and a variety of electronic information resources for the public.

- **Flood Protection** - Participated in an engineering study on flood defences and mitigation plans prepared for The International Joint Commission that resulted in recommendations for enhancing the City's flood protection.

- **Fire Safety Enhancement** – Completed a $1.5 million pipe installation project to enhance the flow of water used for fire protection to St. Norbert.

- **Transportation** – Improved traffic flow on Bishop Grandin Boulevard by using "real time" information to adjust signal timing "on the fly" during periods of traffic congestion.

- **Parks Upgrading** - Completed 75 park development/improvement projects totalling $1.6 million. This included upgrades and renovations to 59 playgrounds and replacement or upgrading of 35 play structures to conform to new CSA play structure standards.

- **Community Buildings** - Renovated the Fort Rouge Leisure Centre through the provision of a Winnipeg Development Agreement grant.

- **Riverbank Greenway Programs** - Conducted tree planting programs with community groups to enhance the natural habitat along rivers and streams.

- **Riverbank Stabilization** - Administered the construction of riverbank stability restoration at five sites along the Red River.

4. Budget Process

Public Consultation

An extensive community consultation process was conducted at the outset of this term of Council, providing citizens the opportunity to give advice to the Mayor and Council on achieving affordable government and ensuring that the direction and strategies of the City represent the priorities of the citizens of Winnipeg. In order to solicit ideas and comments from the public, a consultation process was held which included focus groups, a telephone survey, a two-day community forum and six community workshops. A report containing the results of the consultation process was released in February of 2000 and provided meaningful discussion on many of the major issues facing the City, including capital budgets in general.

Revitalizing the downtown, controlling urban sprawl and improving transportation infrastructure were common priorities expressed by participants in the focus groups and workshops. Infrastructure was raised as an issue in many workshops, with groups concluding that the City should invest in continued maintenance of infrastructure to ensure long-term cost savings. It was also generally felt that the City should lobby the Federal and Provincial governments for increased funding in such areas as infrastructure, libraries, transit, ambulance services, police and fire. As well, continued support for reducing the debt was expressed as a way to reduce costs.

Public representation also occurred at meetings of the various Committees of Council during the capital budget review.

Process and Schedule

The adoption of The City of Winnipeg's capital budget is a major part of the process to plan, co-ordinate and provide infrastructure and capital amenities for the use and benefit of citizens. City Council is required by The City of Winnipeg Act to adopt annual estimates, including the amount the City will require to raise or expend in the year for capital by March 31st of each year. City Council is also required by The City of Winnipeg Act to prepare and approve a capital program for the five years following the current year.

Draft capital estimates were prepared by the administration and tabled at the Executive Policy Committee meeting on January 16, 2002 as Preliminary Estimates. The Executive Policy Committee referred the preliminary estimates to members of Council for review and recommendation. A Council working session was held to ensure appropriate review and debate on the issues.

Executive Policy Committee and other committees of Council heard public delegations before Executive Policy Committee tabled its final recommendations on February 6, 2002. Council adopted the recommendations on February 11, 2002. Further opportunity for public input through public presentations was available during these final stages of the budget process.

Also on February 11, 2002, Council gave the borrowing by-law to externally finance the capital program first reading. In accordance with legislation, approval of the required borrowing for the Winnipeg Hydro capital program must be received from the Minister of Finance of the Province of Manitoba.

On February 11, 2002, Council also approved a restriction *"that for Winnipeg Hydro, only payments in the normal course of business will be made, pending Council consideration of the Manitoba Hydro offer; and additionally, no new capital projects or long-term borrowing will be approved by the Director, until Council considers the Manitoba Hydro offer."*

Budget Amendment Process for Capital

From time to time during the year it may be necessary to amend the budget. Any new capital project, whether funded by surpluses from other projects or by new funding, must be approved by Council. Additional borrowing authority must be approved by the Minister of Finance of the Province of Manitoba and enacted through a by-law of Council.

A Standing Policy Committee of Council can approve transfers of budgets between existing capital projects. If the transfer is smaller than $100,000 or 25% of the budget being increased (whichever is the lesser), the transfer can be approved by the city administration.

Every few years, outstanding borrowing authority is reviewed and cancelled as appropriate. Any incomplete projects are given new borrowing authority for the remainder of their requirements by means of a Supplementary Capital Budget. Council must approve the Supplementary Capital Budget and the supplementary borrowing by-law. A Supplementary Capital Budget was approved by Council on January 31, 2001, with another process slated to be approved in 2002.

Council Policy Directives

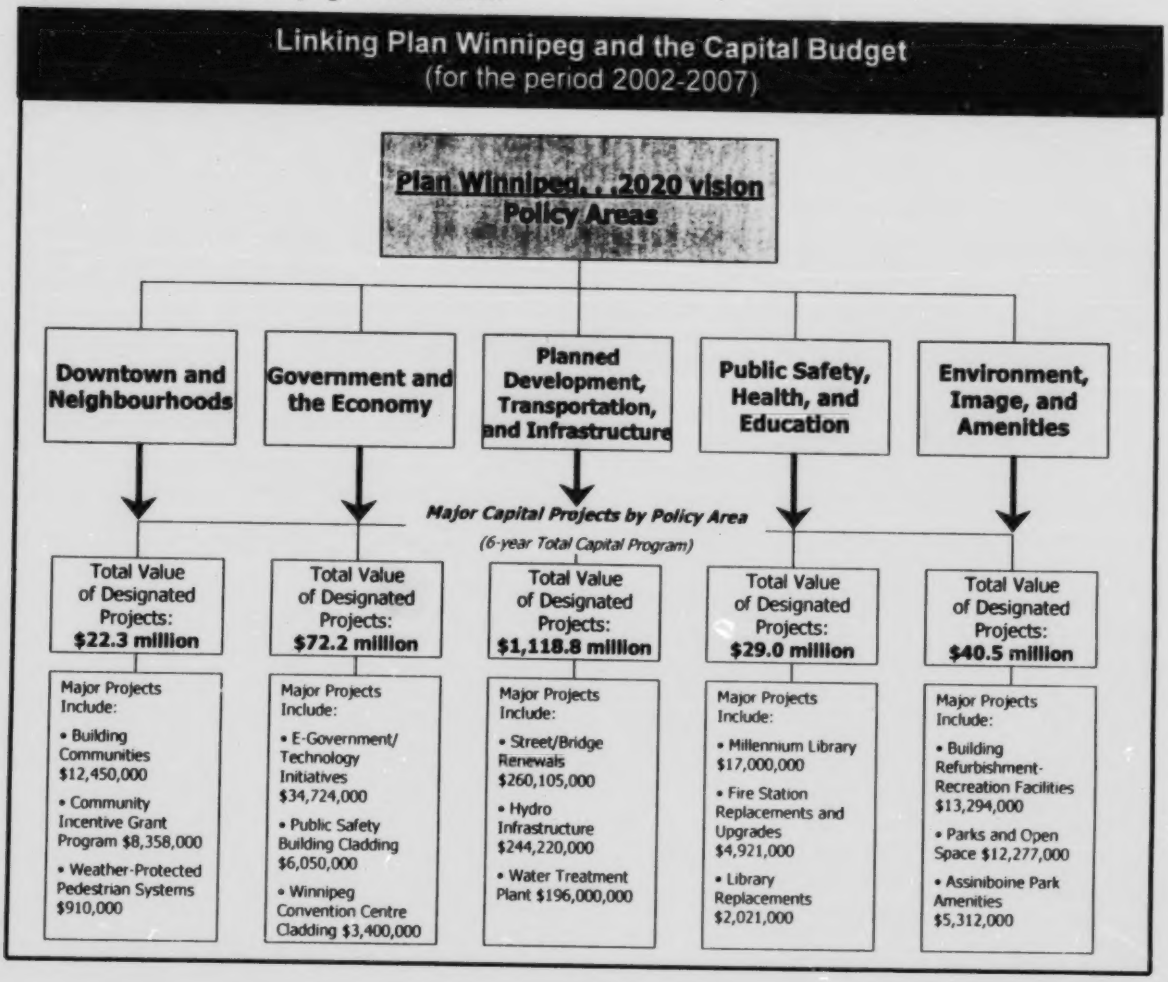
The City's main policy documents provide direction in determining the capital program.

Plan Winnipeg is the City's overall long-range policy plan that identifies Council's long-term vision for Winnipeg. All other documents, plans, budgets, programs and services are guided by this plan. To ensure alignment of the capital estimates to Plan Winnipeg, each capital project has been cross-referenced to it by identifying the specific chapter and section to which the project relates.

"*Plan Winnipeg . . . 2020 vision*" was adopted December 12, 2001, replacing the previous version of the Plan, adopted in 1993 as *Plan Winnipeg...toward 2010*. The new plan draws on the insights and input of hundreds of Winnipeggers, from all walks of life. It sets out a new vision for a new millennium in Manitoba's capital city.

The following chart provides a visual outline of how the Capital Budget is linked to the priorities established in Plan Winnipeg.

Figure 4.1: Plan Winnipeg...2020 vision


Linking Plan Winnipeg and the Capital Budget
(for the period 2002-2007)
Plan Winnipeg...2020 vision Policy Areas
Downtown and Neighbourhoods
Government and the Economy
Planned Development, Transportation, and Infrastructure
Public Safety, Health, and Education
Environment, Image, and Amenities
Major Capital Projects by Policy Area
(6-year Total Capital Program)
Total Value of Designated Projects: $22.3 million
Major Projects Include:
• Building Communities $12,450,000
• Community Incentive Grant Program $8,358,000
• Weather-Protected Pedestrian Systems $910,000
Total Value of Designated Projects: $72.2 million
Major Projects Include:
• E-Government/ Technology Initiatives $34,724,000
• Public Safety Building Cladding $6,050,000
• Winnipeg Convention Centre Cladding $3,400,000
Total Value of Designated Projects: $1,118.8 million
Major Projects Include:
• Street/Bridge Renewals $260,105,000
• Hydro Infrastructure $244,220,000
• Water Treatment Plant $196,000,000
Total Value of Designated Projects: $29.0 million
Major Projects Include:
• Millennium Library $17,000,000
• Fire Station Replacements and Upgrades $4,921,000
• Library Replacements $2,021,000
Total Value of Designated Projects: $40.5 million
Major Projects Include:
• Building Refurbishment-Recreation Facilities $13,294,000
• Parks and Open Space $12,277,000
• Assiniboine Park Amenities $5,312,000

Council Priorities have been set, based on Plan Winnipeg's policy direction, identifying those areas where the strongest efforts and energy will be expended. These priorities include:

- Cost of Winnipeg's government
- Infrastructure renewal
- Economic development
- Safety
- Downtown
- Housing and neighbourhood renewal

Corporate planning and budgeting directs the civic administration to act upon Council's priorities. The long-term direction provided by Plan Winnipeg has formed the basis for the establishment of corporate goals, which in turn have directed the corporate budget process. In the end, this is where Council and senior management agree on what needs to get done and how it will happen.

The Financial Management Plan was adopted by Council on April 25, 2001, replacing the original plan adopted in 1995. The plan outlines the City's updated strategy to guide its financial decision-making, protect its ability to meet long-term obligations, and improve its economic position and financial stability. The plan lists seven key financial goals for the City:

- Promote Economic Growth
- Support a Competitive Tax Environment
- Reduce Debt
- Control Expenditures
- Maintain Assets and Infrastructure
- Ensure Adequate Reserves
- Expand E-Government

The goal to reduce debt puts pressure on meeting another important goal of the Financial Management Plan, that is, to maintain assets and infrastructure. The challenge is to maintain a balance between these two important but competing goals. This capital budget attempts to achieve a reasonable balance as directed in the Financial Management Plan - to manage the City's reliance on external financing while maintaining the existing infrastructure on a priority basis.

The Capital Priority Rating System - The City of Winnipeg Act stipulates that the capital program must show priorities as well as estimates of the proposed source and application of funds to implement the program. For many years, the City has used a Council-approved priority rating system to rank capital projects in order of priority on a City-wide basis. The system recognizes two basic factors, one being the importance of the service provided, and the second being the impact of not proceeding with the project. These priority ratings are presented for each project in the Capital Projects Detail section of this document. A full description of the capital priority rating system is included in **Exhibit 3** of this document.

Borrowing Cap - During the 1996 capital budget deliberations, Council approved a $61 million borrowing cap for the tax-supported budget. This cap included both internal financing and external financing. It was implemented as a means to control debt and finance charges in the tax-supported budget.

During the 1997 capital budget deliberations, Council felt that more stringent measures must be taken to maintain and improve the City's credit rating and to ensure the long-term financial health of the City. As a result, Council approved a plan to reduce the capital program for a two-year period (1997 and 1998) below the $61 million cap. In 1999, no new external financing was authorized for the tax-supported program, including transit -- a first for the City.

On April 14, 1999, Executive Policy Committee further directed that the Preliminary 2000 Annual Capital Estimates and the 2001 to 2005 Five-Year Capital Forecast be developed so that no new external financing would be required for the tax-supported portion. The result was a further reduction to the capital program reflected in the adopted budget and forecasts as follows:

Figure 4.2 Borrowing Cap

(in Millions of $)	2002	2003	2004	2005	2006	2007	Total
Borrowing Cap	61.0	61.0	61.0	61.0	61.0	61.0	$ 366.0
Internal Financing Available	52.2	56.4	61.0	61.0	61.0	61.0	$ 352.6
Reduction required to eliminate tax-supported external financing	8.8	4.6	-	-	-	-	$ 13.4

It should be noted that the Executive Policy Committee, at its own initiative, recommended the above borrowing restrictions in order to improve the City's fiscal health and future viability. The City's legal borrowing limit, that is, the limit externally imposed upon the City by legislation, relates only to external financing and is not a pre-set specific dollar amount. Section 282 of The City of Winnipeg Act requires the City to obtain authorization from the Minister of Finance of the Province of Manitoba for all external borrowing requirements. The authority approved by the Minister of Finance constitutes the City's legal borrowing limit.

Review Policy for Capital Projects in excess of $10 Million – This policy, adopted by Council on December 16, 1999, is part of the City's strategy to control costs through additional scrutiny and review of major capital expenditures. The policy requires departments to submit comprehensive project reports to the Standing Committee on Fiscal Issues, which reviews and analyzes major capital projects before legal obligations and financial commitments are made. The policy reflects City Council's focus on achieving affordable, efficient, and accountable government.

Strategic Infrastructure Reinvestment Policy (SIRP) - The SIRP Report[1] is the product of a task force comprising a cross-section of participants from government, business, labour, and the academic community. The Report concluded that the City should provide more investment in infrastructure, review the present approach to the use of current funding, develop a strategy for the future, and find ways to fund the infrastructure deficit. Infrastructure renewal programs are seen as a priority for the citizens of Winnipeg and their significance is demonstrated in the recommendations of the SIRP Report.

As one of the recommendations in the SIRP Report, the City established a SIRP Implementation Committee (SIRPIC) – headed by the Chairperson of the Standing Committee on Public Works – with a mandate to implement the adopted policy options. The SIRPIC report was completed on July 20, 2000 and contained 30 Implementation Recommendations. Council reviewed the administration's proposal to implement the SIRP Recommendations on September 26, 2001 and directed the administration to prepare policies on infrastructure reinvestment, factoring maintenance costs into initial costs for Council consideration, and reinvestment of a portion of all tender awards to strategic research and innovative partnership projects.

Earlier Tendering of Capital Construction Projects – On December 12, 2001, Council enacted a by-law allowing the City to expend up to 10% of capital funds prior to adoption of the capital budget for preliminary engineering, design or tender preparation services to enable earlier tendering of capital projects. This policy recognizes the City's short construction season and the lead-time required before construction actually begins.

[1] *Approved July 22, 1998 by City Council*

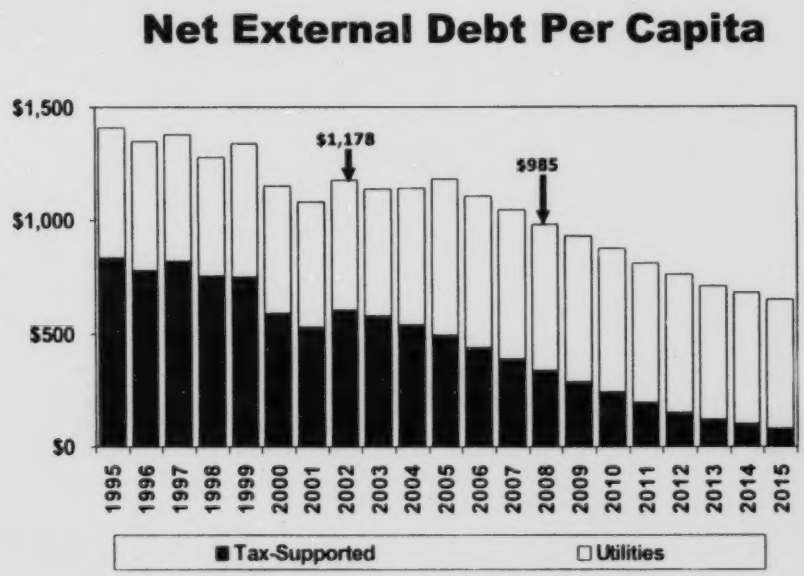
Performance Measurement

The Financial Management Plan, discussed earlier in the section, identifies seven key financial goals for the City, and includes targets and measurements. Three of these goals and corresponding targets and measurements relate directly to the City's Capital Budget as follows:

Figure 4.3 Financial Management Plan Performance Measurement Status

Goal Number and Description	Target/Measurement	Status
3 Reduce Debt	Reduce net external debt per capita to $1,000 by 2009	Current estimate is that net external debt per capita will be reduced to $1,000 by 2008 (refer to Figure 4.4 below)
5 Maintain Assets and Infrastructure	Implement the financial-based recommendations from the Strategic Infrastructure Reinvestment Policy Implementation Committee (SIRPIC) Report	Council has reviewed the administration's proposal and has given direction to prepare the necessary policies
7 Expand E-Government	Strengthened business systems	Initial review of business systems undertaken as part of the Connexus Project

Figure 4.4 Net External Debt Per Capita



The first Financial Management Plan, which was adopted in 1995, indicated that the net external debt per capita was to be reduced to $1,000 by 2017. The Financial Management Plan adopted on April 25, 2001 indicates that the net external debt per capita is to be reduced to $1,000 by 2009. Based on current projections, the new target should be achieved by 2008, nine years earlier than originally planned in 1995.

Budget Reform

While many budget reform initiatives have been undertaken in the recent past, the City of Winnipeg will continue to try and improve its capital budget process. Following are some highlights of what we have done recently and what we plan to do in the next few years:

What have we done?

- Integrated the policy directives of "Plan Winnipeg...2020 vision" with the capital budget;
- Integrated the policy directives of the updated Financial Management Plan with the capital budget;
- Maintained a close relationship with credit rating agencies and the investment banking community to keep abreast of new and innovative opportunities with respect to financing capital spending;
- Introduced a new policy whereby all capital projects with a total estimated cost of $10 million or more receive additional scrutiny and review by the City's Standing Committee on Fiscal Issues;
- Implemented three-year departmental business planning which integrates operating and capital budgeting and aligns departmental strategies and plans with corporate goals;
- Introduced more frequent cash flow reporting on capital project spending in order to better estimate debt servicing costs;
- Improved budget documentation to make it more understandable by introducing more narrative information, graphs, tables, charts, and glossaries;
- Held an extensive public budget consultative process, unprecedented in Winnipeg's history;
- Provided improved information/training to the City's departmental controllers during the business planning (and capital budget) development stage on various cost/benefit analysis methodology to ensure capital investments are sound;
- Encouraged life cycle costing and improved asset management through funding of special projects and systems;
- Received continued "buy-in" for the City's stringent debt management policy;
- Introduced an administrative challenge function to ensure a thorough objective review of capital projects;
- Conducted a major review of the City's infrastructure in the Strategic Infrastructure Reinvestment Policy Report (SIRP) in partnership with the private sector to develop long-term recommendations to improve the City's infrastructure; and
- Integrated performance measurements identified in the City's Financial Management Plan into the capital budget process.

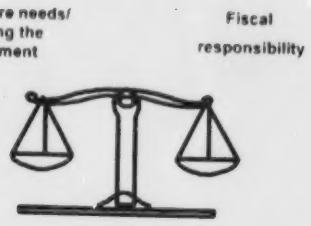
What do we plan to do?

- Document/formalize the debt management policy for the City that will help to guide Council's decisions on capital financing as they relate to debt per capita;
- Improve reporting on the net operating impact of capital budget requests in order to make better capital budget decisions;
- Increase the reporting frequency of capital cash flow projections to better estimate debt servicing costs;
- Continue to develop the administrative procedures to support the new Council policy whereby all capital projects of $10 million or more require review by the Standing Committee on Fiscal Issues;
- Evaluate the pilot project in Public Works on capital reporting and possibly roll out to more departments;
- Implement the recommendations in the Strategic Infrastructure Reinvestment Policy Report (SIRP) on a priority basis;
- Continue to adhere to the City's stringent debt management policy despite inflationary and other pressures to keep debt and finance charges manageable; and
- Examine Enterprise Resource Planning systems to improve and streamline the processes related to budgeting for and reporting on capital projects.

5. Budget Summary

Capital Message

All governments face the challenge of balancing infrastructure needs with fiscal responsibility. Added to the challenge is the need to protect our environment and to ensure that Winnipeg is a smart, clean and sustainable city. This budget strikes a balance between competing needs.



Infrastructure needs – As outlined in the Strategic Infrastructure Reinvestment Policy (SIRP) Report, Winnipeg still has a way to go to fully address its infrastructure deficit. However, major capital investment is planned in the next six years in the following priority areas:

- $265 million for the City's water system, of which $196 million is dedicated to the development of a water treatment plant
- $244 million for hydro infrastructure
- $152 million for the City's regional street system, including $41 million for the new Provencher Bridge
- $150 million for land drainage and flood control, including $6 million for permanent secondary dikes
- $106 million for residential street renewal
- $102 million for the City's transit system of which $77 million will go toward buying new transit buses
- $94 million for sewage disposal projects

Fiscal responsibility – The City must assess its financial position and its budgets against three broad indicators: sustainability, flexibility, and vulnerability.

Sustainability – Sustainability is the degree to which a government can maintain existing programs and meet existing creditor requirements without increasing the debt burden on the economy. By managing the City's debt levels and the resultant debt servicing costs, pressure on property taxes can be managed ensuring that the capital program is financially sustainable. The City's debt reduction plan and move to pay-as-you-go capital financing have improved the City's position in this regard. This restraint, however, puts pressure on the speed in which Winnipeg can eliminate its infrastructure deficit.

Flexibility – Flexibility is the degree to which a government can increase its financial resources to respond to rising commitments. By creating dedicated revenue streams and special purpose reserves to fund major capital projects, the City has greatly increased its flexibility in this regard, although there is still work to be done in terms of building up the City's reserves to provide the flexibility to finance its infrastructure deficit.

Vulnerability – Vulnerability is the degree to which a government becomes dependent on, and therefore vulnerable to external sources of funding beyond its control. The City, through its long-term plan to internally finance tax-supported capital projects and avoid the need to issue new external debt has reduced its reliance on external debt financing considerably. The City will only require new external debt for utility operations, which is typical in those industries. The City does rely, however, on other levels of government to facilitate large scale and innovative capital programming as well as helping the City with its infrastructure renewal in general. Negotiations are on-going with respect to future project approvals under the Canada/Manitoba Infrastructure Program; with the Province of Manitoba with respect to specific projects under the Urban Capital Projects Agreement; for a longer-term commitment to a local street renewal program; and on other specific projects.

Environmental agenda – The preliminary estimates also include capital projects that will help achieve the goals for a smart, clean and sustainable city. Some of these projects include:

- Water treatment plant
- Wastewater disinfection
- Combined sewer overflow mitigation
- Land drainage, flood protection and permanent secondary dikes
- Metrobus
- Pedestrian and cycle facilities
- Riverbank stabilization
- Reforestation
- E-government
- Asbestos removal, and cooling plant upgrades in civic facilities

The preliminary capital estimates address the City's priority infrastructure requirements, are fiscally responsible, and include many projects that will help to protect our environment.

Total 2002 Capital Program

Figure 5.1: Total 2002 Capital Program

TOTAL 2002 CAPITAL PROGRAM, INCLUDING UTILITIES (in Millions of $)					
		METHOD OF FINANCING			
		City		Federal/ Provincial Funding**	Provincial Funding
	TOTAL	Debt	Pay-as-You-Go*		
Tax-supported:					
General	$ 120.7	$ -	$ 90.9	$ 13.7	$ 16.1
Civic Accommodations	3.2	-	3.2	-	-
Transit	10.9	-	5.6	-	5.3
Subtotal	134.8	-	99.7	13.7	21.4
Utility:					
Hydro	37.3	37.3	-	-	-
Water/Sewer	35.1	-	35.1	-	-
Subtotal	72.4	37.3	35.1	-	-
TOTAL	**$ 207.2**	**$ 37.3**	**$ 134.8**	**$ 13.7**	**$ 21.4**

* *Pay-as-you-go* financing includes internal financing through the Equity In Capital Assets Fund, financing from retained earnings or special reserves, transfers from operating, and dedicated revenue streams such as frontage levies, special utility rate charges, and recoveries from developers.

** Relates to Provincial/Federal partnerships including the Canada/Manitoba Infrastructure Program.

Total Six-Year Capital Program

The total six-year capital program, including the five-year forecast, is $1,282.8 million as follows:

Figure 5.2: Total Six-Year Capital Program

TOTAL CAPITAL PROGRAM, INCLUDING UTILITIES 2002 - 2007 (in Millions of $)							
Adopted 2001	Adopted 2002	Capital Forecast					Total 2002 - 2007
		2003	2004	2005	2006	2007	
$ 157.9	$ 207.2	$ 214.3	$ 268.9	$ 243.5	$ 171.9	$ 177.0	**$ 1,282.8**

The breakdown of the total capital into tax-supported capital works and utility projects follows:

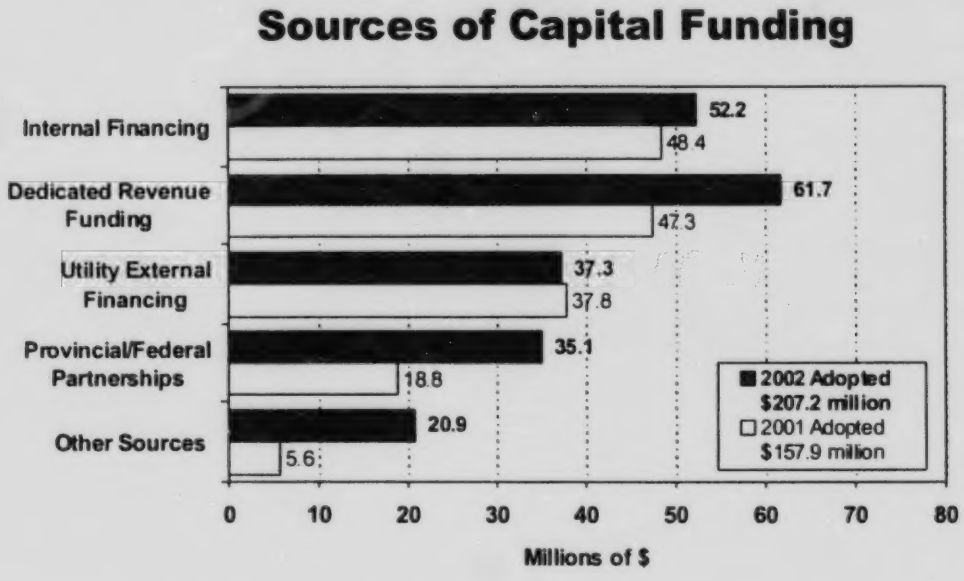
Figure 5.3: Total Capital Program – Major Program Areas

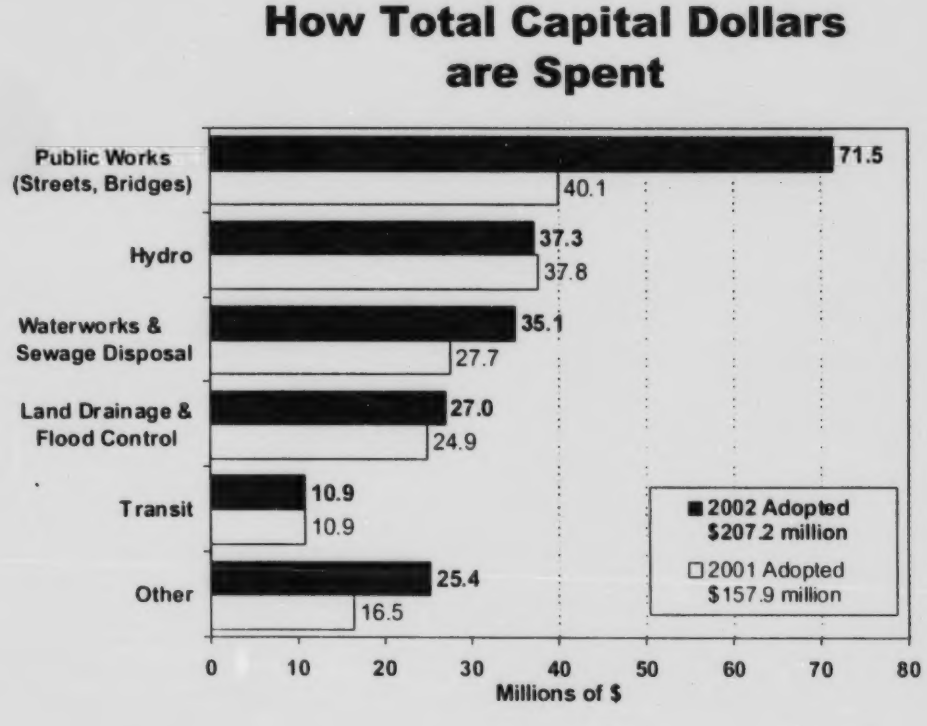
TOTAL CAPITAL PROGRAM 2002 - 2007 (in Millions of $)			
	Tax-Supported (Including Transit and Civic Accommodations)	Utilities	Total
Adopted 2001	$ 92.4	$ 65.5	$ 157.9
Adopted 2002	$ 134.8	$ 72.4	$ 207.2
Forecasts			
2003	113.8	100.5	214.3
2004	109.3	159.6	268.9
2005	103.2	140.3	243.5
2006	109.7	62.2	171.9
2007	108.7	68.3	177.0
2002 - 2007 Total	**$ 679.5**	**$ 603.3**	**$ 1,282.8**

Approximately $679.5 million or 53% of the 2002 to 2007 adopted capital program is allocated to tax-supported projects - $125.9 million of this amount relates to Transit and Civic Accommodations. The remaining $603.3 million or 47% is dedicated to utility projects. The tax-supported program has remained relatively stable over the years. The utility program does show growth, primarily due to a new water treatment plant proposed to be in operation by 2006. An amount of $196.0 million has been included in the 2002 to 2007 capital program to build the plant, of which $94.0 million will be financed from the reserve set up for this purpose.

The following graphs show the breakdown of the total 2002 adopted capital program, first by sources of funding and then by program and compares it to the 2001 adopted capital budget. The total 2002 program is $207.2 million, compared to $157.9 million in 2001.

Figure 5.4: 2002 Sources of Capital Funding and How Total Capital Dollars are Spent





Major Projects

The 2002 capital estimates include a number of important infrastructure initiatives for the citizens of Winnipeg. The total local streets program of $23.3 million, regional streets program of $16.3 million and funding for the Provencher Bridge are the major components of the Publics Works capital estimates. Community infrastructure is being enhanced by projects such as the Millennium Library, the multi-use expansion of the St. James Centennial Pool and the Building Communities Program. Winnipeg Hydro will continue rehabilitation work on Pointe du Bois and Slave Falls generating station equipment. Environmental projects such as wastewater disinfection and combined sewer overflow mitigation, and water supply projects such as the water treatment plant, Shoal Lake aqueduct rehabilitation, watermain renewal and permanent secondary diking form the majority of the Water and Waste capital estimates. Additionally, there are projects such as Transit bus and information system replacement. More information on major projects is provided on the following pages.

An overview of the total capital program identifies major program areas:

Figure 5.5: Total Capital Program – Major Program Areas

TOTAL CAPITAL PROGRAM
2002-2007
(in Millions of $)

	Adopted 2001	Adopted 2002	Capital Forecast 2003	2004	2005	2006	2007	2002-2007 Total
Tax-Supported:								
Public Works *(incl. Local Improvements)*	$ 40.1	$ 71.5	$ 49.6	$ 43.0	$ 39.6	$ 45.3	$ 41.8	$ 290.8
Land Drainage & Flood Control	24.9	27.0	21.9	25.0	25.3	25.2	25.3	149.7
Transit	10.9	10.9	14.5	15.6	16.1	23.0	21.8	101.9
Planning, Property & Development *(incl. Civic Accommodations)*	6.9	7.1	10.2	8.0	7.1	4.4	7.3	44.1
Community Services *(incl. Incentive Grants)*	2.3	6.7	10.1	10.7	4.1	2.7	3.7	38.0
Protection	1.4	-	0.9	-	2.5	1.6	1.5	6.5
Other	5.9	11.6	6.6	7.0	8.5	7.5	7.3	48.5
Total Tax-Supported	**$ 92.4**	**$ 134.8**	**$ 113.8**	**$ 109.3**	**$ 103.2**	**$ 109.7**	**$ 108.7**	**$ 679.5**
Utility Operations:								
Waterworks	$ 15.7	$ 22.0	$ 38.5	$ 93.3	$ 92.9	$ 9.1	$ 9.3	$ 265.1
Hydro	37.8	37.3	40.9	37.7	37.0	44.3	47.0	244.2
Sewage Disposal	12.0	13.1	21.1	28.6	10.4	8.8	12.0	94.0
Total Utilities	**$ 65.5**	**$ 72.4**	**$ 100.5**	**$ 159.6**	**$ 140.3**	**$ 62.2**	**$ 68.3**	**$ 603.3**
Total	**$ 157.9**	**$ 207.2**	**$ 214.3**	**$ 268.9**	**$ 243.5**	**$ 171.9**	**$ 177.0**	**$ 1,282.8**

A summary of all projects is included in the Capital Projects Summary and specific details of various projects comprising the program can be found in the Capital Projects Detail found later in this document.

Infrastructure Initiatives

Local Street Renewal

The 2002 to 2007 capital estimates include a local street and sidewalk renewal program totalling $105.8 million -- $23.3 million of this amount is budgeted in 2002. The city has historically requested funding from the province for this important infrastructure initiative and these estimates include a request for funding of $5 million per annum which is the same level provided by the province in 2001. Approximately 120 blocks of local streets were renewed under the 2001 program.

Regional Street System

Winnipeg's regional street system is vital to the movement of traffic and goods throughout the City. It represents 20% of the total street infrastructure and carries approximately 80% of the traffic. The regional system is made up of approximately 1,720 lane kilometres and has a replacement value of about $1 billion.

The 2002 to 2007 capital budget includes $151.6 million for the regional streets system. The portion related to street renewals, improvements and new streets is $79.9 million while spending on bridges, overpasses and culverts is $71.7 million. The largest bridge project included in the budget is the Provencher Paired Bridges Project.

Provencher Paired Bridges Project

In 1998, a Project Advisory Committee (PAC) brought community and city-wide stakeholders together to plan the future of the aging Provencher Bridge. The PAC followed a comprehensive planning process, and looked at land use, social, economic and environmental factors in the communities surrounding the project. Project goals were developed with local community values and aspirations in mind.

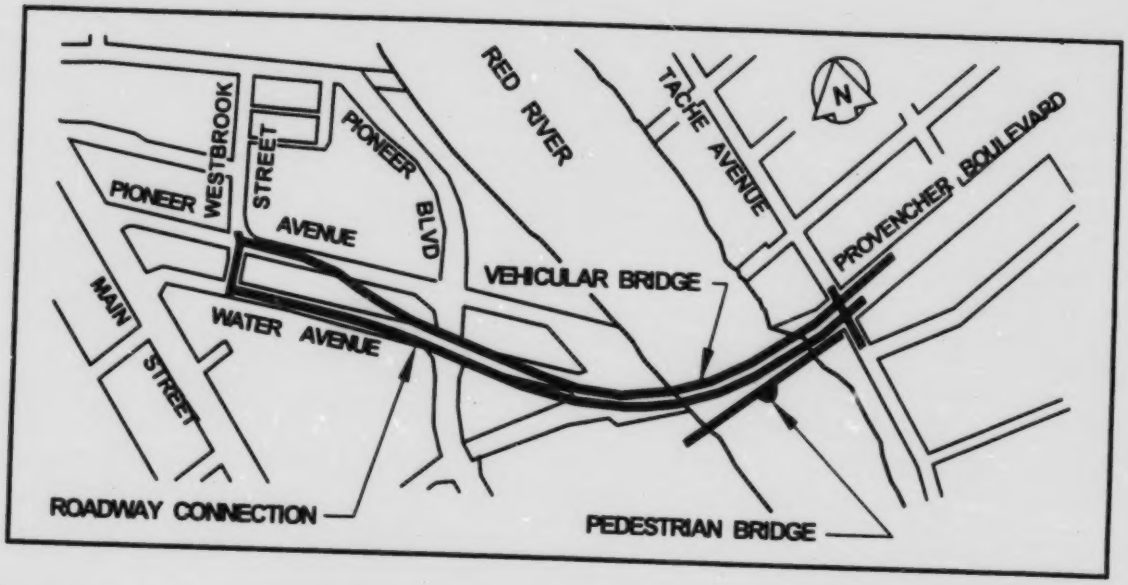
Comprehensive information is being provided to the public through regular newsletters and display advertising, and public opinion was sought through response coupons, a project hotline, open houses, and surveys of neighbourhood and city-wide residents as well as area businesses on Provencher Boulevard and at The Forks. The public indicated overwhelming preference for a new bridge, and the PAC reached unanimous consensus on the *New Paired Bridges* alternative as the choice that best fulfilled the project goals.

At its meeting held on September 5, 2000, Council approved the design for the Provencher Paired Bridges Project, authorized the commencement of detailed engineering design, environmental impact assessment and all things necessary for tendering the construction works.

The *Paired Bridges* Project involves the replacement of the existing Provencher Bridge with two separate bridges – one primarily designed for vehicles and commuter cyclists and the other designed exclusively for pedestrians and recreational users and reconstruction of the roadway from the bridge to Main Street. Construction of the vehicular bridge commenced in July 2001 and is progressing on schedule for completion by Fall 2003.

The Pedestrian Bridge and roadway connection to Main Street portions of this project are scheduled for construction in 2002 and 2003. Council approved the reconstruction of the roadway connection from the Provencher Bridge to Main Street on October 18, 2000. Funding for the roadway connection from the Provencher Bridge to Main Street is available in the existing budget due to favourable tender submissions in 2001 for the Provencher Paired Bridges project. Funding for the pedestrian bridge was confirmed by the Canada/Manitoba Infrastructure program in August 2001.

Figure 5.6: Provencher Paired Bridges Project



Millennium Library

The Millennium Library project provides for an expansion and renovation of approximately 37,000 square feet of the existing Centennial Library. This project will address library infrastructure problems, and permit service delivery and technological improvements. The plan calls for a $17 million capital project with funding provided from the Federal/Provincial governments of $6 million through the Canada/Manitoba Infrastructure Program, $7 million from the private sector (raised through fund-raising by the Winnipeg Library Foundation) and $4 million from the City of Winnipeg. The net annualized operating costs are anticipated to increase by $1 million dollars.

St. James Centennial Pool

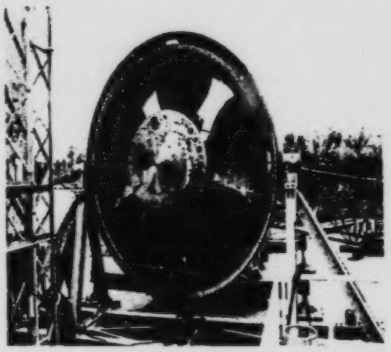
The St. James Centennial Pool Multi-Use Expansion project is estimated to cost $3 million and will consist of a multi-purpose Indoor Track/Fitness addition (approximately 24,000 square feet), a new front entrance to the facility with links to various leisure services contained within the complex, renovation of the existing entrance and indoor pool change areas, and modifications to the parking lot. Shared funding is provided through the Canada/Manitoba Infrastructure Program.

Building Communities

The Building Communities Program is a capital expenditure program that invests in the public infrastructure in Winnipeg's neighbourhoods. The program's goals are to improve living conditions in Winnipeg's older, physically declining neighbourhoods where capital improvements in housing renewal, community facilities, municipal infrastructure and crime prevention initiatives will have lasting, long-term benefits to the neighbourhood and the larger urban community. This Program will be cost-shared on a 50-50 basis with the Province of Manitoba to a total of $14 million over 5 years. Timing as to implementation in each of six neighbourhoods will be determined jointly by the City of Winnipeg and Province of Manitoba.

Winnipeg Hydro

Winnipeg Hydro's capital investment program for 2002 to 2007 totals approximately $244 million and includes significant generation improvement programs. The plan provides Winnipeg Hydro with the opportunity to increase its generation output and minimize transmission losses, thereby reducing costs.



As the sale of Winnipeg Hydro to Manitoba Hydro is being explored, Council approved the following motion on February 11, 2002: *"that for Winnipeg Hydro, only payments in the normal course of business will be made, pending Council consideration of the Manitoba Hydro offer; and additionally, no new capital projects or long-term borrowing will be approved by the Director, until Council considers the Manitoba Hydro offer."*

Environmental Projects

Wastewater Disinfection

New environmental regulations, adopted by the Province of Manitoba in 1993, require the City to achieve a specific end-of-pipe microbiological effluent limit during the open water recreation season at all three of its wastewater treatment plants. The regulations were a result of a review with recommendations on surface water quality objectives by the Clean Environment Commission in 1992. This recommendation will require the effluent from the South and North End Water Pollution Control Centres to be disinfected on a seasonal basis. The West End Water Pollution Control Centre is under review to determine the need for disinfection based on the performance of the existing lagoons.

The 2002 capital budget includes $8.5 million to complete construction of a $15.0 million disinfection facility at the North End Water Pollution Control Centre ($6.5 million was previously approved in 2001). This follows the recent completion of a $4.3 million disinfection facility at the South End Water Pollution Control Centre, which commenced operation in July of 1999. The South End facility utilizes ultraviolet light for disinfection prior to discharge to the Red River. The process readily meets the environmental microbiological standards, is environmentally safe, and does not create chemical by-products. This technology is expected to be an alternative for the North End facility.

Combined Sewer Overflow Mitigation

Responsibility for water quality within city limits was delegated to the City of Winnipeg prior to the passage of the Manitoba Environment Act in 1987. It was under this new Act in 1987 that responsibility was transferred to the Province. In undertaking their new responsibilities, the Province initiated a review and regulatory development process that included Clean Environment Commission (CEC) public hearings. One of the major recommendations of the CEC was for site-specific studies to be undertaken by the City to determine water quality impacts and formulate remedial measures. The Combined Sewer Overflow (CSO) Management Strategy study provides the technical and economic basis for evaluating CSO control options relative to water quality improvements, and potential plans to achieve a specific level of performance.

To eliminate all CSOs through sewer separation would cost over $1.5 billion. The CSO study has investigated less costly alternatives that would significantly reduce but not eliminate CSOs. The 2002 to 2007 capital budget includes funding of $1.0 million in the year 2002, and $5.0 million in each year from 2003 to 2007, for a total of $26 million over the 6 years. This funding recognizes the possible requirement for a long-term control program and implementation plan.

The formal decision process is for the Province to request further public hearings through the CEC prior to setting final environmental regulations. This process potentially could take place within 2002, starting with informal deliberations with the Province to discuss river water quality related issues (i.e. CSO and ammonia). A subsequent report to Council will discuss the outcomes of the study, and deliberations with Manitoba Conservation, and will recommend approaches for combined sewer overflow mitigation in 2002 in advance of any CEC hearings.

Water Supply

Water Treatment Plant

In 1994, Council adopted the recommendation that the City plan for water treatment to protect public health and to meet more stringent water quality guidelines. A Water Treatment Reserve Fund was created to provide approximately 50% of the cost of a water treatment plant at the time of construction.

Between 1994 and 1998, $2.5 million in funding was approved for pilot studies and conceptual design. In 1999, the technical work was completed and a Council Seminar was conducted to present a summary of water quality guidelines, public health risks and consequences, recommended water treatment process, the estimated cost and financing of a water treatment plant. Also in October 1999, a special meeting of Executive Policy Committee (EPC) was held to gather public input on the need to construct a water treatment plant. The final report recommending the water treatment program was considered by EPC on October 11, 2000 and approved by Council on November 22, 2000. Council also recommended that additional engineering be undertaken in 2001 and 2002 to investigate two new water treatment technologies, ultraviolet disinfection and membrane filtration. The water treatment plant is estimated to be in service in 2006 at an estimated project cost of $204.0 million, as follows:

Figure 5.7: Water Treatment Plant

Water Treatment Plant (In Millions of $)	Adopted In Prior Years	Adopted 2002	Capital Forecast 2003	2004	2005	2006	2007	Total Project Costs
Preliminary Engineering & Pre-Design	4.0	-	-	-	-	-	-	$ 4.0
Functional & Detailed Design & Construction	4.0	6.0	26.0	84.0	80.0	-	-	$ 200.0
Total	8.0	6.0	26.0	84.0	80.0	-	-	$ 204.0
Plant to be operational by 2006, with 50% cash financed through the Water Treatment Reserve Fund.								

Shoal Lake Aqueduct

The Shoal Lake Aqueduct, which has been in service since March of 1919, delivers water from Shoal Lake on the Manitoba-Ontario border to Winnipeg, a distance of 97 miles. The Aqueduct is the City's only water supply conveyance element from the source. Comprehensive condition assessments of the Aqueduct were undertaken from 1988 to 1996 in order to identify and schedule any needed rehabilitation works.

The objective of the rehabilitation component of the program is to extend the operational life of the Aqueduct for at least another fifty years. The rehabilitation commenced in 1996 and is scheduled for completion by the end of 2003. Generally, the rehabilitation work remaining includes the sealing of longitudinal cracks and joints, repair of drainage siphon structures, inspection and repair of the underdrain system, repair of the Tache Booster Pumping Station and Surge Tower and the installation of an Aqueduct flow level monitoring system.

By the end of 2001, a total of $45.1 million will have been spent on the condition assessment and rehabilitation works. The cost of the entire program is estimated at $57.0 million. It should be noted that only limited funds were expended on Aqueduct inspection and maintenance prior to the commencement of this program. Beyond this program, an annual inspection and maintenance program will be required to achieve the extended operational life.

Shared Information Systems Replacement

Connexus

In the Financial Management Plan adopted by Council in April 2001, the City of Winnipeg committed to expanding e-government. In order to enable the organization to meet this goal and capitalize on emerging e-government opportunities, a multi-phased project called "Connexus" is underway. Connexus effectively builds on, combines and augments two previous initiatives: the financial management system and the enterprise resource planning system.

Connexus will provide a strategic investment in shared departmental business systems. Through a comprehensive, coordinated and integrated approach the project will develop and implement new core financial, human resource and business systems (e.g. general ledger, accounts payable, accounts receivable, purchasing, inventory, budgeting/forecasting, human resources, payroll and time-keeping). Through business process re-engineering and streamlining, new technology (software and hardware) and a rigorous change management and training strategy, Connexus will directly support and provide momentum for the transformation and modernization of City government.

The initial project scope determination and a preliminary business case were completed during 2001. In early 2002, the pre-implementation phase of the project, final scope and benefits of the project will be determined. The pre-implementation phase will culminate in a final business case to ultimately determine the direction for the project.

Figure 5.8: Connexus

(in Millions of $)	Adopted in Prior Years	Adopted 2002	Capital Forecast					Total Project Costs
			2003	2004	2005	2006	2007	
Connexus	12.4	3.6	3.0	1.5	2.5	2.5	-	**25.5**

6. Financing

Financing for the Total Capital Program

To finance capital projects, the City uses both external and internal financing. External financing requires the City to issue debentures in the capital markets. Internal financing is a method whereby the City finances tax-supported capital projects by borrowing from its own Equity In Capital Assets Fund (formerly the General Reserve Fund). These borrowings have established amortization schedules for regular payments of principal and interest over a defined time frame. The City's General Revenue Fund pays back the Equity In Capital Assets Fund. The City's Equity In Capital Assets Fund grows annually by the amount of interest payments, thus enabling increased ability to finance further capital projects. In addition, this source of financing allows greater flexibility than is available through debenture debt financing. Equity In Capital Assets Fund internal financing is considered tax-supported borrowing as the annual payments of principal and interest are budgeted for in the City's current estimates. All borrowing requirements for tax-supported programs are internally financed in the six-year plan proposed.

Figure 6.1: Financing Sources for the Total Capital Program

FINANCING SOURCES FOR THE TOTAL CAPITAL PROGRAM
2002-2007
(In Millions of $)

	Adopted 2001	Adopted 2002	Capital Forecast					2002-2007 Total
			2003	2004	2005	2006	2007	
Internal Financing	$ 48.4	$ 52.2	$ 56.4	$ 61.0	$ 61.0	$ 61.0	$ 61.0	$ 352.6
Interim Financing*	-	13.1	1.0	(8.0)	(6.1)	-	-	-
External Financing (Utilities)	37.8	37.3	40.9	71.7	105.0	44.3	47.0	346.2
Sub-total Financing	**86.2**	**102.6**	**98.3**	**124.7**	**159.9**	**105.3**	**108.0**	**698.8**
Provincial Funding**	15.0	21.4	21.0	21.0	21.0	21.0	21.0	126.4
Other Provincial/Federal Partnerships***	3.8	13.7	6.6	5.0	-	-	-	25.3
Dedicated Revenue Funding - Frontage Levy and Special Utility Rate Charges	47.3	61.7	78.2	106.5	53.8	36.5	39.9	376.6
Transit Reserve	5.4	5.4	6.3	6.3	7.4	7.4	8.1	40.9
Other Sources****	0.2	2.4	3.9	5.4	1.4	1.7	-	14.8
Sub-total Other Funding	**71.7**	**104.6**	**116.0**	**144.2**	**83.6**	**66.6**	**69.0**	**584.0**
Total	**$ 157.9**	**$ 207.2**	**$ 214.3**	**$ 268.9**	**$ 243.5**	**$ 171.9**	**$ 177.0**	**$ 1,282.8**

* Interim financing represents the portion of the Provencher Bridge project that will be financed on a short-term basis from the Equity In Capital Assets Fund and/or short-term promissory notes until long-term financing is available from the Equity In Capital Assets Fund.

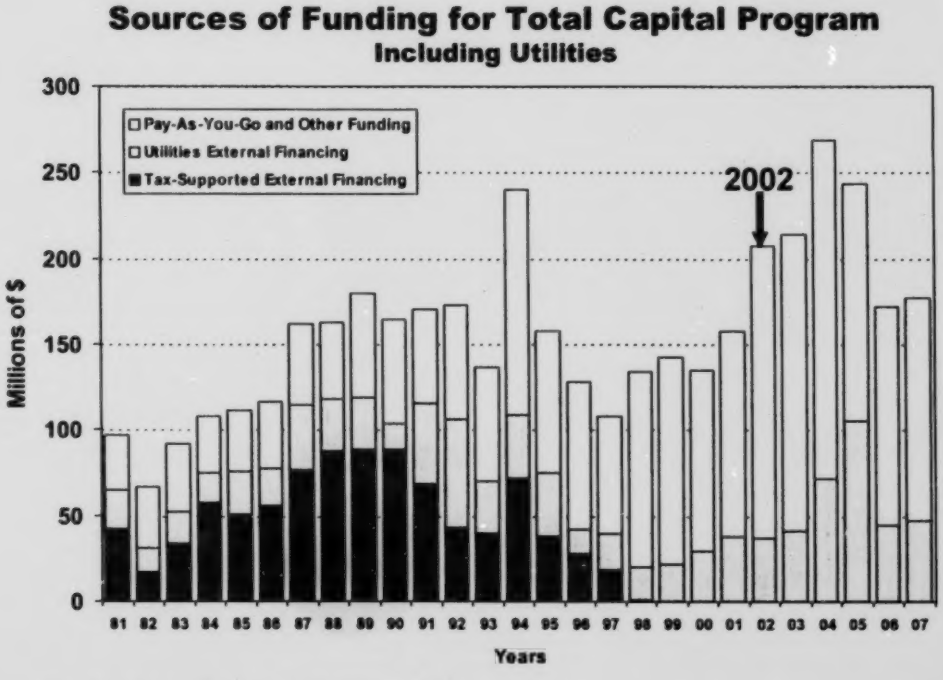
** Provincial funding for the period from 2003 to 2007 assumes a continuation of UCPA agreements. The assumed Provincial commitment is $96 million over six years.

*** Other Provincial/Federal Partnerships relate to the building of Permanent Secondary Dikes and the Canada/Manitoba Infrastructure Program.

**** Other Sources reflect recoveries from developers, transfer from operations, and contributions from the Library Technology Reserve and Winnipeg Library Foundation.

The following graph shows the trend in funding sources from 1981 to 2007. The data for 1981 to 2002 represents adopted budgets, the data for 2003 to 2007 are based on the capital forecast.

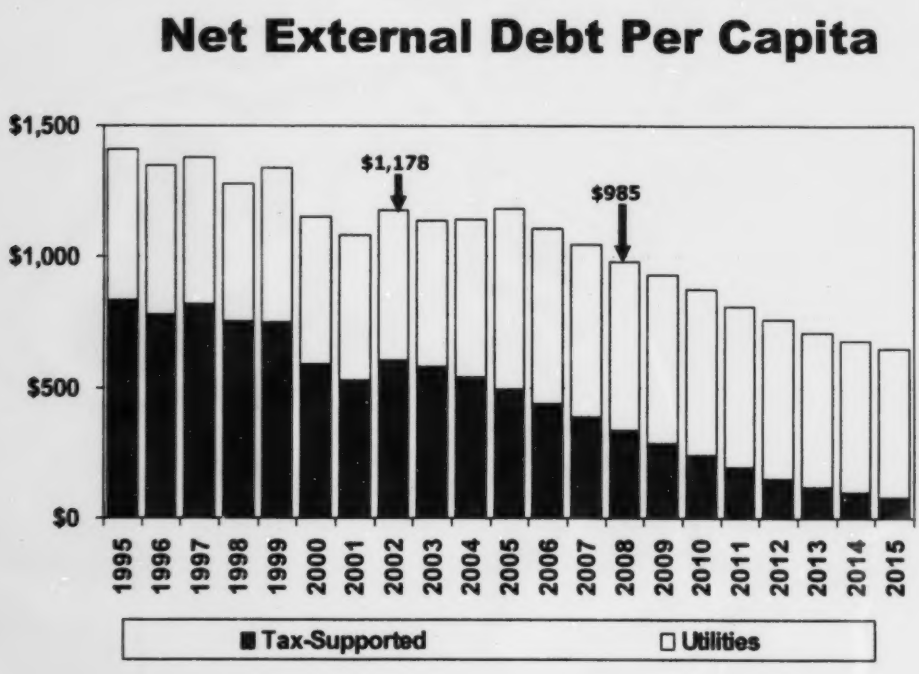
Figure 6.2: Sources of Funding for Total Capital Program – Including Utilities



1981-2002 Adopted Budgets; 2003-2007 Capital Forecast
1994 Includes Canada/Manitoba/Winnipeg Infrastructure Program
Excludes interim financing

Note that starting in 1999, tax-supported financing is on a pay-as-you-go basis and the proposed external debt required is for utilities only. The increase in utility external financing required in 2004 and 2005 relates to the proposed water treatment plant. Similarly, the increase in other funding during 2002 to 2005 also relates to financing the proposed water treatment plant from the reserve established for that purpose.

Figure 6.3: Net External Debt Per Capita



Debt levels at the City are continuing to be reduced as a result of measures put in place by City Council. The net external debt per capita is projected to be $1,178 for 2002.

The first Financial Management Plan, which was adopted in 1995, indicated that the net external debt per capita was to be reduced to $1,000 by 2017. The Financial Management Plan adopted on April 25, 2001 indicates that the net external debt per capita is to be reduced to $1,000 by 2009. Based on current projections, the new target should be achieved by 2008, 9 years earlier than originally planned in 1995.

Financing for Tax-Supported Projects

Financing sources for the 2002 to 2007 tax-supported capital estimates, as follows:

Figure 6.4: Financing Sources for the Tax-Supported Capital Program

FINANCING SOURCES FOR THE TAX-SUPPORTED CAPITAL PROGRAM
2002-2007
(in Millions of $)

	Adopted 2001	Adopted 2002	Capital Forecast 2003	2004	2005	2006	2007	2002-2007 Total
Internal Financing	$ 48.4	$ 52.2	$ 56.4	$ 61.0	$ 61.0	$ 61.0	$ 61.0	$ 352.6
Interim Financing*	-	13.1	1.0	(8.0)	(6.1)	-	-	-
Provincial Funding**	15.0	21.4	21.0	21.0	21.0	21.0	21.0	126.4
Other Provincial/Federal Partnerships***	3.8	13.7	6.6	5.0	-	-	-	25.3
Dedicated Revenue Funding - Frontage Levy	19.6	26.6	18.6	18.6	18.5	18.6	18.6	119.5
Transit Reserve	5.4	5.4	6.3	6.3	7.4	7.4	8.1	40.9
Other Sources****	0.2	2.4	3.9	5.4	1.4	1.7	-	14.8
Total	**$ 92.4**	**$ 134.8**	**$ 113.8**	**$ 109.3**	**$ 103.2**	**$ 109.7**	**$ 108.7**	**$ 679.5**

* Interim financing represents the portion of the Provencher Bridge project that will be financed on a short-term basis from the Equity In Capital Assets Fund and/or short-term promissory notes until long-term financing is available from the Equity In Capital Assets Fund.

** Provincial funding for the period from 2003 to 2007 assumes a continuation of UCPA agreements. The assumed Provincial commitment is $96 million over six years.

*** Other Provincial/Federal Partnerships relate to the building of Permanent Secondary Dikes and the Canada/Manitoba Infrastructure Program.

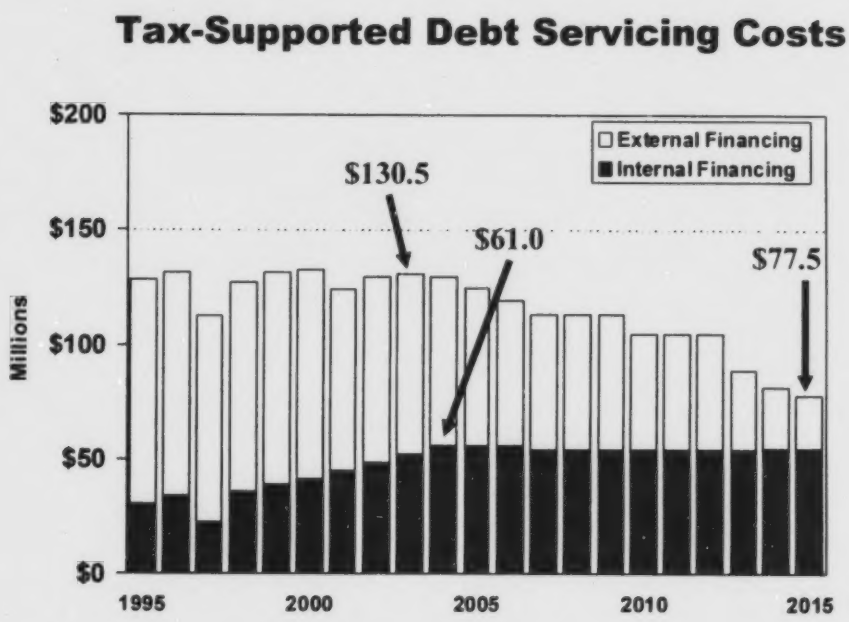
**** Other Sources reflect recoveries from developers and contributions from the Library Technology Reserve and Winnipeg Library Foundation.

Debt and Finance Charges

Borrowing decisions from the late 1980's and early 1990's will continue to negatively impact debt and finance charges until 2003. The City has taken measures to reduce this impact by limiting the amount of new tax-supported capital financing to the amount available each year in the Equity in Capital Assets Fund. This practice is projected to continue until 2004 when there will be sufficient funding available from the Equity in Capital Assets Fund to internally finance the entire $61.0 million borrowing limit set by Council. The City has not issued any new tax-supported debt since 1999 as there has been sufficient cash flow from operations available to provide for all financing needs. Debt and finance charges are forecasted to peak in 2003 at $130.5 million, which is down $9.0 million from what was projected in 2000. These costs are reflected in the City's tax-supported operating budget, which was adopted on October 25, 2001. Debt servicing costs still remain an issue for the City as they consume 19.5% of the tax-supported operating budget in 2002.

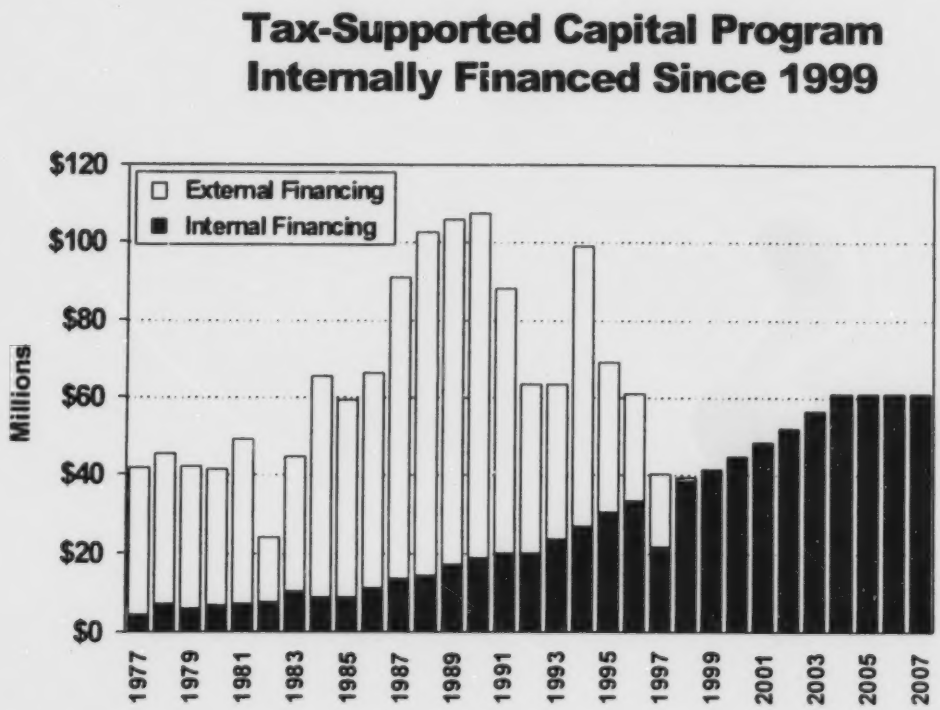
A recent DBRS (Dominion Bond Rating Service) report stated that "the financial position of the City has improved over the past few years, but the tax-supported debt burden remains relatively high compared with other major Canadian municipalities".

Figure 6.5: Tax-Supported Debt Servicing Costs



Based on the 2001 Adopted Capital Estimates and the 2002 – 2006 Five-Year Capital Forecast capped at $61 million per year commencing in 2004 with revised funding from the Equity In Capital Assets Fund.

Figure 6.6: Tax-Supported Capital Program Financing – 1977 to 2007



1977-2002 Adopted Budgets; 2003-2007 Capital Forecast
1994 includes the Canada/Manitoba/Winnipeg Infrastructure Program
Excludes interim financing

Frontage Levy

The frontage levy is a charge, collected on the property tax bill, to property owners based on the number of feet of property they have abutting city streets. Historically, frontage levy revenue was to be spent on sewer and watermain renewals. The Province of Manitoba recently revised The City of Winnipeg Act whereby money from a frontage rate may be used for residential streets and sidewalks. On October 25, 2001, Council adopted amendments to the Frontage Levy By-law to allow frontage levy revenue to also be spent on the repair and replacement of streets and sidewalks in residential areas, and to utilize $10 million of this revenue for this purpose in 2002. As such, the 2002 capital estimates for the Local Streets Renewal Program herein reflect $9.75 million for residential streets and $0.25 million for residential sidewalks to be funded from frontage levies. There will be no impact on the total sewer and watermain renewal program in 2002, as sufficient reserve balances exist to fund the program.

Provincial Funding

Provincial funding included in the 2002 to 2007 capital program of $126.4 million relates to funding under existing and possible future Urban Capital Projects Allocation Agreements (UCPA) of $94.7 million, an anticipated $5 million per year over UCPA for local streets to be negotiated, and announced 50/50 matched funding for a specific capital project to retrofit and repair the Tyndall stone cladding of the Convention Centre. An overview is provided below:

Figure 6.7: Provincial Funding 2002 to 2007

PROVINCIAL FUNDING 2002 - 2007
(in Millions of $)

	Adopted 2001	Adopted 2002	Capital Forecast 2003	2004	2005	2006	2007	2002-2007 Total
UCPA III	$ 14.7	$ 14.7	$ -	$ -	$ -	$ -	$ -	$ 14.7
UCPA IV	-	-	16.0	16.0	16.0	16.0	16.0	80.0
Sub-total UCPA	**14.7**	**14.7**	**16.0**	**16.0**	**16.0**	**16.0**	**16.0**	**94.7**
Local Streets	-	5.0	5.0	5.0	5.0	5.0	5.0	30.0
VLT Revenue for Convention Centre	0.3	1.7	-	-	-	-	-	1.7
Total	**$ 15.0**	**$ 21.4**	**$ 21.0**	**$ 21.0**	**$ 21.0**	**$ 21.0**	**$ 21.0**	**$ 126.4**

Funding for cost-sharing capital projects under the Canada/Manitoba Infrastructure Program are shown on a separate table. Also excluded is any cost-sharing of permanent secondary dikes.

UCPA

The current Urban Capital Projects Allocation (UCPA III) covers a six-year period from April 1, 1997 to March 31, 2003. UCPA III includes $30 million in unconditional funding for City priorities and $66 million for infrastructure renewal and strategic enhancements, for a total of $96 million. The Province announced over $85 million in commitments up to November 26, 2001. The province has approximately $11 million of commitments remaining to fulfill the UCPA III obligations.

The City expects to negotiate a continuation of UCPA funding after the completion of the UCPA III agreement. These capital estimates include a provision for UCPA IV funding similar to UCPA III.

The following is a listing of selected capital projects included in the Adopted 2002 Annual Capital Estimates, which the City would like the Province to consider for possible funding under this agreement. Council will ultimately have to approve these capital projects. This listing, therefore, is preliminary and is subject to change.

Figure 6.8: UCPA III – 2002 Draft Project List

Infrastructure Renewal & Strategic Enhancement Draft Project List for 2002	Total Project Budget ($000s)
Regional Streets - New	
Moray St. Extension to Grant Ave.	$ 6,815
Silver Ave. Extension (St. James to Madison St.)	825
Regional Street Improvements	
Kenaston Blvd. (Academy to Taylor)	100
Dakota St. (Abbotsford Cr. to Paddington Rd.)	2,890
Traffic Engineering Improvement - Various locations	500
Pedestrian & Cycle Facilities - Various locations	300
Regional Street Renewals	
Bishop Grandin Blvd. (St. Anne's to Fort Garry Bridge)	800
Inkster Blvd. (Main St. to Lansdowne Ave.)	300
CNR Oak Pt. Railroad Crossing Restoration	220
Portage Ave. (west bound) Ferry Rd. to Route 90 Overpass	1,055
Portage Ave. (both sides) Empress St. Underpass to Route 90	965
Notre Dame Ave. (east bound) Arlington St. to Maryland St.	885
Sidewalk/Curb Renewal Program	350
Waterway Crossing/Grade Separations	
Provencher Paired Bridges (vehicular portion only)	21,000
Annual Maintenance Program	300
Bridge Deck - Deck Sealing Program (Charleswood Bridge)	400
Disraeli Bridge and Overpass	150
Redwood Bridge	500
Reforestation Program - Improvements	500
Parks - Improvements	323
Community Services	
Community Centres - Refurbishing and Improvements	411
Arenas - Building Refurbishing/Improvements	450
Indoor Aquatic - Building Refurbishment/Improvements	753
Assiniboine Park Amenities Development	100
Assiniboine Park Amenities Improvements	270
Riverbank Stabilization - City owned riverbanks	200
Riverbank Greenway Program	104
Transit	
Regular Buses	10,711
Innovative Transit Program	200
Total	**$ 52,377**

Local Street Renewal Program – A $23.3 million program has been included in the Adopted 2002 Capital Budget. The six-year plan includes $105.8 million. As local street renewals are a priority, the City is in negotiation with the Province for funding of $5 million annually over and above the UCPA commitment for this important program. The Province provided $5.1 million in 2001. The City is committed to proceed with its share of the work regardless of a Provincial commitment.

Convention Centre Cladding – Video Lottery Terminal (VLT) Revenue – The budget includes 50/50 cost sharing of the Convention Centre Cladding capital project. The total cost of the project is $6.6 million, of which $3.2 million is already approved, and $3.4 million is included in the 2002 budget. The Province has approved financing its share which is over and above the Urban Capital Projects Allocation funding and is from the 25% urban economic development project component of the Province's revenue from video lottery terminals. This is distinct from the basic annual operating grant received from the Province related to video lottery terminal revenue.

Canada/Manitoba Infrastructure Program – The Province also supports capital programming in the City of Winnipeg through a number of projects announced under the Canada/Manitoba Infrastructure Program. A summary of approved projects is shown below:

Figure 6.9: Canada/Manitoba Infrastructure Program

CANADA/MANITOBA INFRASTRUCTURE PROGRAM FUNDING 2001 - 2007
(in Millions of $)

Federal/Provincial Contribution	2001 Approved	2002 Approved	Capital Forecast					TOTAL
			2003	2004	2005	2006	2007	
Main Street - Lombard Avenue to Disraeli Freeway	2.5	-	-	2.0	-	-	-	4.5
Provencher Paired Bridges (Red River)	2.7	4.0	2.7	-	-	-	-	9.4
Waterfront Drive	2.8	2.7	0.3	-	-	-	-	5.8
Millennium Library	-	-	3.0	3.0	-	-	-	6.0
St James Centennial Pool Multi-Use Expansion	-	2.0	-	-	-	-	-	2.0
Total	**$ 8.0**	**$ 8.7**	**$ 6.0**	**$ 5.0**	**$ -**	**$ -**	**$ -**	**$ 27.7**

Excludes City contribution.

Other Cost-Shared Agreements – Cost-sharing with the Federal/Provincial governments also takes place in relation to permanent secondary dikes.

Financing for Utilities

The following chart provides greater detail for utility financing requirements in 2002 and projected financing 2003 to 2007.

Figure 6.10: Financing Sources for the Utility Capital Program

FINANCING SOURCES FOR THE UTILITY CAPITAL PROGRAM 2002-2007 (In Millions of $)								
	Adopted 2001	Adopted 2002	Capital Forecast 2003	2004	2005	2006	2007	2002-2007 Total
External Financing:								
- Hydro	$ 37.8	$ 37.3	$ 40.9	$ 37.7	$ 37.0	$ 44.3	$ 47.0	$ 244.2
- Waterworks	-	-	-	34.0	68.0	-	-	102.0
Sub-total External Financing	**37.8**	**37.3**	**40.9**	**71.7**	**105.0**	**44.3**	**47.0**	**346.2**
Pay-As-You-Go:								
Projects Financed by Frontage Levies:								
- Watermain Renewal	7.5	9.0	7.0	7.0	7.0	7.0	7.0	44.0
- Wastewater Sewer Renewal	0.4	0.4	0.4	0.5	0.4	0.4	0.4	2.5
Projects Financed by Special Utility Rate Charges:								
- Aqueduct Renewal	5.0	6.1	3.9	-	-	-	-	10.0
- Water Treatment	3.0	6.0	26.0	50.0	12.0	-	-	94.0
- Sewer Environmental	7.5	9.7	6.3	16.0	6.0	5.0	5.0	48.0
Projects Financed by Retained Earnings:								
- Waterworks	0.2	0.9	1.7	2.2	5.9	2.1	2.3	15.1
- Sewer	4.1	3.0	14.3	12.2	4.0	3.4	6.6	43.5
Sub-total Pay-As-You-Go	**27.7**	**35.1**	**59.6**	**87.9**	**35.3**	**17.9**	**21.3**	**257.1**
Total	**$ 65.5**	**$ 72.4**	**$ 100.5**	**$ 159.6**	**$ 140.3**	**$ 62.2**	**$ 68.3**	**$ 603.3**

The preceding chart indicates that total external utility financing will average approximately $58 million over the six-year period, up from an average of $54 million in 2001 ($51 million in 2000). This is primarily due to the Water Treatment Plant, which will be funded partially by external financing and partially by cash reserves in the Water Treatment Reserve set up for this purpose. The six-year capital program for Hydro (from 2002 to 2007) is $244.2 million.

Commencing in 1997, Hydro began to externally finance its entire capital program, instead of using working capital to fund a portion, as it had historically been able to do. Frontage levies, utility rate charges, and retained earnings continue to be major financing components of the capital program for the water and sewer utilities. On February 11, 2002, Council approved a restriction *"that for Winnipeg Hydro, only payments in the normal course of business will be made, pending Council consideration of the Manitoba Hydro offer; and additionally, no new capital projects or long-term borrowing will be approved by the Director, until Council considers the Manitoba Hydro offer."*

7. Other Information

Please refer to the various exhibits attached in the last section of this document for additional information on:

- the 2000 General Capital Fund;
- 2000 reserve balances;
- the capital priority rating system;
- detailed historical analysis of borrowing authority, sources and application of funds;
- current and potential debenture debt;
- cash flow projections for the 2002 to 2007 capital program;
- a reconciliation of the 2002 Adopted Capital Estimates to the Preliminary Capital Estimates; and
- a glossary of terms.

8. Council Adoption of the Estimates

On February 11, 2002, Council adopted the following recommendations:

I. That the 2002 Annual Capital Estimates totalling $207,176,000, requiring borrowing authority of $37,240,000 for Winnipeg Hydro, and the 2003 to 2007 Five-Year Capital Forecast be reviewed and submitted to Council for approval.

II. That the City request the Province to provide funding of $5 million, over and above UCPA funding, for a local street renewal program for Winnipeg for 2002 and establish a future cost-sharing agreement for beyond 2002.

III. That $490,000 in surplus cash flow forecasted funds be transferred from Combined Sewer Renewals (account number 03-118xxx - 529602-0701) to the Harstone Outfall project.

IV. That for Winnipeg Hydro, only payments in the normal course of business will be made, pending Council consideration of the Manitoba Hydro offer; and additionally, no new capital projects or long-term borrowing will be approved by the Director, until Council considers the Manitoba Hydro offer.

V. That the Proper Officers of the City be authorized to do all things necessary to implement the foregoing, including the execution of any documents related thereto.

Winnipeg

CAPITAL PROJECTS SUMMARY

2002 Annual
Capital Estimates

and

2003 to 2007
Five-Year Capital Forecast

Adopted by Council on February 11, 2002

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
SUMMARY OF CAPITAL PROGRAM									
TAX-SUPPORTED									
Local Improvements			723	500	500	600	600	600	3,523
Public Works			70,840	49,106	42,523	38,953	44,692	41,212	287,326
Land Drainage and Flood Control			26,954	21,909	24,974	25,255	25,230	25,330	149,652
Community Services			5,325	8,775	9,330	2,705	1,311	2,281	29,727
Community Incentive Grants			1,393	1,393	1,393	1,393	1,393	1,393	8,358
Winnipeg Police Service						500		250	750
Fire Paramedic Service				941		2,020	1,600	1,200	5,761
Planning, Property and Development			3,929	3,524	3,911	3,750	1,642	3,400	20,156
Corporate Finance			3,645	3,000	1,500	2,500	2,500		13,145
City Clerks			300	260	150	200	200	200	1,310
Corporate Information Technology			1,349	2,703	3,557	2,490	2,496	2,549	15,144
Property Assessment				500	500		1,000	500	2,500
Hydro Street Lighting				100	350	350	350	400	1,550
Non-departmental			6,241		934	3,092	854	3,643	14,764
Total Tax-Supported General			**120,699**	**92,711**	**89,622**	**83,808**	**83,868**	**82,958**	**553,666**
Civic Accommodations			3,206	6,632	4,097	3,300	2,750	3,950	23,935
Transit			10,911	14,464	15,596	16,129	23,044	21,804	101,948
Total Tax-Supported Including Transit and Civic Accommodations			**134,816**	**113,807**	**109,315**	**103,237**	**109,662**	**108,712**	**679,549**
UTILITIES									
Hydro Electric System			37,240	40,880	37,730	37,040	44,340	46,990	244,220
Waterworks System			21,980	38,550	93,275	92,813	9,150	9,350	265,118
Sewage Disposal System			13,140	21,095	28,625	10,370	8,770	11,970	93,970
Total Utilities			**72,360**	**100,525**	**159,630**	**140,223**	**62,260**	**68,310**	**603,308**
TOTAL CAPITAL PROGRAM			**207,176**	**214,332**	**268,945**	**243,460**	**171,922**	**177,022**	**1,282,857**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
SUMMARY OF FINANCING REQUIREMENTS									
TAX-SUPPORTED									
Local Improvements			723	500	500	600	600	600	3,523
Public Works			47,149	41,144	35,518	33,953	39,692	36,212	233,668
Land Drainage and Flood Control			5,374	2,394	4,994	5,300	4,950	6,750	29,762
Community Services			2,925	2,175	2,330	2,705	1,311	2,281	13,727
Community Incentive Grants			1,393	1,393	1,393	1,393	1,393	1,393	8,358
Winnipeg Police Service						500		250	750
Fire Paramedic Service				941		2,020	1,600	1,200	5,761
Planning, Property and Development			2,579	2,449	2,411	2,550	1,142	2,800	13,931
Corporate Finance			3,645	3,000	1,500	2,500	2,500		13,145
City Clerks			300	260	150	200	200	200	1,310
Corporate Information Technology			1,349	2,703	3,557	2,490	2,496	2,549	15,144
Property Assessment				500	500		1,000	500	2,500
Hydro Street Lighting				100	350	350	350	400	1,550
Non-departmental			4,541		934	3,092	854	3,643	13,064
Unallocated Provincial UCPA (III & IV)			(8,084)	(9,292)	(9,193)	(9,003)	(9,538)	(7,428)	(52,538)
Tax-Supported General Financing (Net of Transit and Civic Accommodations)			**61,894**	**48,267**	**44,944**	**48,650**	**48,550**	**51,350**	**303,655**
Civic Accommodations			3,206	6,632	4,097	3,300	2,750	3,950	23,935
Transit			200	2,501	3,959	2,950	9,700	5,700	25,010
TOTAL TAX-SUPPORTED EXTERNAL & INTERNAL FINANCING			**65,300**	**57,400**	**53,000**	**54,900**	**61,000**	**61,000**	**352,600**
LESS: INTERNAL FINANCING (EQUITY IN CAPITAL ASSETS FUND)			**(52,200)**	**(56,400)**	**(61,000)**	**(61,000)**	**(61,000)**	**(61,000)**	**(352,600)**
LESS: INTERIM FINANCING			**(13,100)**	**(1,000)**	**8,000**	**6,100**			
TOTAL TAX-SUPPORTED EXTERNAL FINANCING (none required)									
UTILITIES									
Hydro Financing			37,240	40,880	37,730	37,040	44,340	46,990	244,220
Waterworks Financing					34,000	68,000			102,000
TOTAL UTILITY FINANCING			**37,240**	**40,880**	**71,730**	**105,040**	**44,340**	**46,990**	**346,220**
TOTAL EXTERNAL FINANCING			**37,240**	**40,880**	**71,730**	**105,040**	**44,340**	**46,990**	**346,220**

CAPITAL PROJECTS SUMMARY (in Thousands of $)	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL						
				FORECAST					2002-2007
FUNCTION/PROJECT			2002 BUDGET	2003	2004	2005	2006	2007	6 YEAR TOTAL
NON-DEBT & INTERNAL FINANCING:									
TAX-SUPPORTED									
Public Works:									
- Dakota St Recovery from Developers			283						283
- Provencher Bridge Interim Financing			13,100	1,000	(8,000)	(6,100)			
- Frontage Levy			10,000						10,000
- Provincial Contribution (Local Streets)			5,000	5,000	5,000	5,000	5,000	5,000	30,000
- Transfer - 2001 Operating			1,698						1,698
- Canada/Manitoba Infrastructure Program			6,710	2,962	2,005				11,677
Community Services:									
- Library Technology Reserve			400	600					1,000
- Winnipeg Library Foundation				3,000	4,000				7,000
- Canada/Manitoba Infrastructure Program			2,000	3,000	3,000				8,000
Planning, Property and Development:									
- Building Communities UCPA III Neighbourhood to be specified			1,350						1,350
- Building Communities UCPA IV Neighbourhood to be specified				1,075	1,500	1,200	500	600	4,875
Non-Departmental:									
- Province of Manitoba VLT Revenue (Convention Centre)			1,700						1,700
Land Drainage and Flood Control:									
- Frontage Levy			16,580	18,580	18,580	18,580	18,580	18,580	109,480
- Developer Capacity Charges - Development Agreement Paybacks				335	1,400	1,375	1,700		4,810
- Provincial/Federal Contribution (Permanent Secondary Dikes)			5,000	600					5,600
Funding Presently Not Allocated to Specific Projects:									
- Internal Financing - Equity In Capital Assets Fund			52,200	56,400	61,000	61,000	61,000	61,000	352,600
- Unallocated Provincial UCPA III (agreement 1997-2002)			8,084						8,084
- Unallocated Provincial UCPA IV (agreement 2003 - 2008)				9,292	9,193	9,003	9,538	7,428	44,454
Transit:									
- Transit Bus Replacement Reserve			5,409	6,330	6,330	7,382	7,382	8,132	40,965
- Transit Bus Replacement - UCPA III			3,000						3,000
- Transit Bus Replacement - UCPA III (Unconditional)			2,302						2,302
- Transit Bus Replacement - UCPA IV				3,000	3,000	3,000	3,000	3,000	15,000
- Transit Bus Replacement - UCPA IV (Unconditional)				2,633	2,307	2,797	2,962	4,972	15,671
Total UCPA III (agreement 1997-2002)			*14,736*						*14,736*
Total UCPA IV (agreement 2003-2008)				*16,000*	*16,000*	*16,000*	*16,000*	*16,000*	*80,000*
TOTAL TAX-SUPPORTED NON-DEBT & INTERNAL FINANCING			**134,816**	**113,807**	**109,315**	**103,237**	**109,662**	**108,712**	**679,549**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
UTILITIES									
Waterworks System:									
- Aqueduct Rehabilitation Reserve			6,100	3,900					10,000
- Water Treatment Reserve			6,000	26,000	50,000	12,000			94,000
- Frontage Levy			9,000	7,000	7,000	7,000	7,000	7,000	44,000
- Waterworks Retained Earnings			880	1,650	2,275	5,813	2,150	2,350	15,118
Sewage Disposal System:									
- Sewage Disposal Retained Earnings			3,000	14,375	12,225	4,000	3,350	6,550	43,500
- Frontage Levy			420	420	420	420	420	420	2,520
- Environmental Reserve			9,720	6,300	15,980	5,950	5,000	5,000	47,950
TOTAL UTILITIES NON-DEBT FINANCING			**35,120**	**59,645**	**87,900**	**35,183**	**17,920**	**21,320**	**257,088**
TOTAL NON-DEBT & INTERNAL FINANCING			**169,936**	**173,452**	**197,215**	**138,420**	**127,582**	**130,032**	**936,637**

CAPITAL PROJECTS SUMMARY (in Thousands of $) FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
CAPITAL PROJECTS LISTING									
LOCAL IMPROVEMENTS **- Ongoing Program.** Council approved $195,000 for the year 2002 on December 12, 2001	3-3	3D-01	**723**	**500**	**500**	**600**	**600**	**600**	**3,523**
PUBLIC WORKS									
Regional Streets									
New Transportation Facilities:									
Moray St Extension to Grant Ave	3-4	3D-02	6,815						6,815
Silver Ave. Extension - St. James Street to Madison St. Council approved $700,000 for the year 2002 on July 18, 2001	3-5	3D-02	825						825
Total New Transportation Facilities		...	**7,640**						**7,640**
Street Improvements:									
Kenaston Blvd - Academy Rd to Taylor Ave	3-6	3D-01	100	100	400	1,100	100	100	1,900
Dakota St - Abbotsford Cr to Paddington Rd	3-7	3D-01	2,890						2,890
- Developers			283						283
St Anne's Rd - Novavista Dr to Warde Ave	3-8	3D-01					300		300
Traffic Engineering Improvement Various Locations	3-9	3C-03	500	700	1,000	1,000	1,000	1,000	5,200
Land Acquisition - Transportation Rights-of-Way - Various Locations	3-10	3D-01			600				600
Pedestrian and Cycle Facilities - Various Locations	3-11	3C-01	300	100	300	300	500	500	2,000
Total Street Improvements		...	**4,073**	**900**	**2,300**	**2,400**	**1,900**	**1,600**	**13,173**
Regional Street Renewals:									
Street Renewals - Annual Program	3-12	3D-01	3,125	5,340	12,793	9,586	9,678	9,959	50,481
Bishop Grandin Blvd - St. Anne's Rd to the Fort Garry Bridge	3-13	3D-01	800	800					1,600
Inkster Blvd - Main St to Lansdowne Ave	3-14	3D-01	300	200	200	200	200		1,100
Main St - Lombard Ave to Disraeli Freeway	3-15	3D-01			1,195				1,195
- Canada/Manitoba Infrastructure Program					2,005				2,005
Sidewalk/Curb Renewal Program - Regional Streets	3-16	3D-01	350	290	500	500	500	500	2,640
Total Regional Street Renewals		...	**4,575**	**6,630**	**16,693**	**10,286**	**10,378**	**10,459**	**59,021**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
Waterway Crossing and Grade Separations:									
Waterway Crossing and Grade Separations - Annual Maintenance Program	3-17	3D-01	300	850	2,160	4,250	6,242	6,200	20,002
Bridge Deck - Deck Sealing Program	3-18	3D-01	400						400
Provencher Paired Bridges (Red River)	3-19	3D-01	10,000	10,000	8,000	6,100			34,100
- Canada/Manitoba Infrastructure Program			4,000	2,700					6,700
- Interim Financing			13,100	1,000	(8,000)	(6,100)			
Disraeli Bridge and Overpass Facility	3-20	3D-01	150	250	150	1,000	4,500		6,050
Redwood Bridge	3-21	3D-01	500	4,000					4,500
Total Waterway Crossings & Grade Separations			**28,450**	**18,800**	**2,310**	**5,250**	**10,742**	**6,200**	**71,752**
TOTAL REGIONAL STREETS			**44,738**	**26,330**	**21,303**	**17,936**	**23,020**	**18,259**	**151,586**
Local Streets									
Local Street Renewal Program - Various Locations	3-22	3D-01	3,447	8,800	9,723	10,115	7,000	10,978	50,063
- Frontage Levy			9,750						9,750
- Provincial Contribution			5,000	5,000	5,000	5,000	5,000	5,000	30,000
Sidewalk Renewal Program - Various Locations	3-23	3D-01	150	400	400	400	400	400	2,150
- Frontage Levy			250						250
Panet Rd Expansion - Munroe Ave to Concordia Ave	3-24	3D-01					3,000		3,000
Curb Repair Program - Various Locations	3-25	3D-01	250	250	250	250	250	250	1,500
Lane Renewals - Various Locations	3-26	3D-01		1,281	1,000	1,000	1,000		4,281
Waterfront Drive	3-27	3D-02		145					145
- Transfer - 2001 Operating			1,698						1,698
- Canada/Manitoba Infrastructure Program			2,710	262					2,972
TOTAL LOCAL STREETS			**23,255**	**16,138**	**16,373**	**16,765**	**16,650**	**16,628**	**105,809**
Asset Management System - Various Divisions	3-28	3D-01	160	200	125	200	275	250	1,210
Land Drainage Sewers - Regional/Local Streets	3-29	3D-08	250	250	250	250	250	250	1,500
TOTAL REGIONAL AND LOCAL STREETS			**68,403**	**42,918**	**38,051**	**35,151**	**40,195**	**35,387**	**260,105**

CAPITAL PROJECTS SUMMARY (in Thousands of $)	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL						
				FORECAST					2002-2007
FUNCTION/PROJECT			2002 BUDGET	2003	2004	2005	2006	2007	6 YEAR TOTAL
Parks and Open Space									
Streets - Aesthetic Improvements	3-30	5E-02		100	114	257	211		682
Reforestation Program - Improvements	3-31	5E-03	500	800	383	457	500	850	3,490
Athletic Fields - Phased Progression	3-32	5D-02		262	168		616		1,046
Athletic Fields - Improvements	3-33	5D-02		100	198	695			993
Parks - Phased Progression	3-35	5D-02		1,671	495	273	150		2,589
Parks - Improvements	3-37	5D-02	323	260	294	300	200	1,700	3,077
Playground Upgrades	3-38	5D-02						250	250
Pathway/Roadway/Tennis Court Upgrading	3-39	5D-02						150	150
TOTAL PARKS AND OPEN SPACE			**823**	**3,193**	**1,652**	**1,982**	**1,677**	**2,950**	**12,277**
Building Services									
Community Centres - Refurbishing and Improvements	3-40	5D-02	411	1,150	400	350	350	350	3,011
Building Refurbishing/Improvements - Arenas	3-41	5D-02	450	450	670	175	325	325	2,395
Building Refurbishing/Improvements - Indoor Aquatic Facilities	3-42	5D-02	753	845	1,270	350	1,200	1,200	5,618
Building Refurbishing/Improvements - Outdoor Aquatic Facilities	3-43	5D-02		150		195	195	250	790
Building Refurbishment/Improvements - Community Facilities	3-44	5D-02		400	480	200	200	200	1,480
A/C Plant Refurbishing - Ozone Depletion Act Compliance	3-45	5A-05				200	200	200	600
Fire/Life Safety Replacement/Asbestos Removal	3-46	5A-05				225	225	225	675
Energy Conservation Initiatives	3-47	5A-04				125	125	125	375
TOTAL BUILDING SERVICES			**1,614**	**2,995**	**2,820**	**1,820**	**2,820**	**2,875**	**14,944**
TOTAL PUBLIC WORKS			**70,840**	**49,106**	**42,523**	**38,953**	**44,692**	**41,212**	**287,326**

CAPITAL PROJECTS SUMMARY (in Thousands of $) FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
COMMUNITY INCENTIVE GRANT PROGRAM	3-48	1B-01	**1,393**	**1,393**	**1,393**	**1,393**	**1,393**	**1,393**	**8,358**
COMMUNITY SERVICES									
Assiniboine Park Amenities Development	3-49	5D-03	100		950	1,000	500	600	3,150
Assiniboine Park Amenities Improvements	3-50	5D-03	270	545	100	605		642	2,162
Computer Acquisition - Upgrade Reorganization and Customer Service	3-51	2C-05	100	100					200
Library Replacement - Various	3-52	4D-02				850	811	360	2,021
Millennium Library (Conditional Upon Other Funding Being in Place)	3-53	4D-02	1,000	1,000	1,000				3,000
- Library Technology Reserve			400	600					1,000
- Winnipeg Library Foundation				3,000	4,000				7,000
- Canada/Manitoba Infrastructure Program				3,000	3,000				6,000
St. James Centennial Pool Multi-Use Expansion	3-54	5D-02	1,030						1,030
- Canada/Manitoba Infrastructure Program			2,000						2,000
Security Systems - Various Branches	3-55	4D-02						129	129
Community Computer Access Program	3-56	4D-02	425	280	280				985
Library Furniture Replacement Program	3-57	4D-02						200	200
Integrated Property Based Information Systems	3-58	2C-05		250		250			500
Customer Information/Registration and Booking System	3-59	2C-05						350	350
TOTAL COMMUNITY SERVICES			**5,325**	**8,775**	**9,330**	**2,705**	**1,311**	**2,281**	**29,727**
WINNIPEG POLICE SERVICE									
Renovations - 5th Floor Public Safety Building	3-60	2B-04				500			500
Automated Fingerprint Identification System - Palm Print Update	3-61	2B-05						250	250
TOTAL WINNIPEG POLICE SERVICE						**500**		**250**	**750**

CAPITAL PROJECTS SUMMARY (in Thousands of $) FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
FIRE PARAMEDIC SERVICE									
Replacement of Station No. 12	3-62	4A-06					1,600		1,600
Fire Protection Upgrade for 3 Storey Fire Stations	3-63	4A-06		263					263
Watermain Extension for Fire Fighting Training	3-64	4A-06		399					399
Burn Building Improvements	3-65	4A-06				441			441
Replacement of Station No. 21 - 730 Pandora Ave.	3-66	4A-06				1,579			1,579
Land Acquisition - Station No. 18	3-67	4A-06		279					279
Replacement of Station No. 27	3-68	4A-06						1,200	1,200
TOTAL FIRE PARAMEDIC SERVICE				**941**		**2,020**	**1,600**	**1,200**	**5,761**
PLANNING, PROPERTY AND DEVELOPMENT									
Civic Accommodations									
General Building Renovation and Refurbishing	3-69	2B-04	400	300	300	500	500	500	2,500
Civic Buildings - Barrier Free Access	3-70	4B-01	206		104		150	250	710
Removal of Asbestos	3-71	4B-02	168		168		200	100	636
Administration Building Alterations	3-72	2B-04		200	200				400
510 Main Street - Elevator Controls	3-73	2B-04	390						390
Roof Replacement	3-74	2B-04						250	250
Fire Safety Upgrading - Various Locations	3-75	2B-04	100	400			200	200	900
Central Yard Relocation	3-76	2B-04		1,382	1,600	500			3,482
Public Safety Building - Exterior Cladding	3-77	2B-04	550	3,000	1,500	1,000			6,050
Cooling Plant Refurbishing	3-78	2B-04	300	850				150	1,300
Energy Conservation	3-79	5A-04			225	200	200	200	825
Restoration of Entrance Gates	3-80	3D-01						200	200
Civic Centre Carpark Tunnel	3-81	2B-04						200	200
Tenant Improvement Prepayment - Major Department	3-82	2B-04				600	500	500	1,600
Historic Building Stabilization	3-83	5B-04		500		500			1,000
Major Building HVAC Upgrades	3-84	2B-04					500	400	900
Building Envelope - Evaluation and Emergency Repair	3-85	2B-04					500	1,000	1,500
510 Main Courtyard Redevelopment	3-86	2B-04	1,092						1,092
TOTAL CIVIC ACCOMMODATIONS			**3,206**	**6,632**	**4,097**	**3,300**	**2,750**	**3,950**	**23,935**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
Planning, Property and Development									
Computer Automation	3-87	2B-04				200	200	300	700
Implementation and Expansion of BUILD	3-88	2B-04	125	100					225
Document Imaging and Management with BUILD	3-89	2B-04	200						200
Expand Archibus Program to Integrate with Maximo System	3-90	2B-04	100	100					200
Land Acquisition for General Unspecified Purposes	3-91	2B-04	300			300			600
Weather Protected Pedestrian System	3-92	1A-06		250	210			450	910
Streetscaping	3-93	1A-05					242	400	642
Riverbank Stabilization for City-Owned Riverbanks	3-94	5C-04	200	200	200	200		200	1,000
Riverbank Greenway Programs	3-95	5C-02	104	358		350		350	1,162
Land Acquisition - Riverbank	3-96	5C-01		200		300		300	800
Parks Development - Developer Payback	3-97	5E-01	200						200
Cemeteries - Improvements	3-98	2B-04		166	501		200	200	1,067
Subtotal			**1,229**	**1,374**	**911**	**1,350**	**642**	**2,200**	**7,706**
Building Communities									
Neighbourhood to be specified	3-99	1B-01	1,350	1,075	1,500	1,200	500	600	6,225
- Provincial UCPA III			1,350						1,350
- Provincial UCPA IV				1,075	1,500	1,200	500	600	4,875
Total Building Communities		...	**2,700**	**2,150**	**3,000**	**2,400**	**1,000**	**1,200**	**12,450**
TOTAL PLANNING, PROPERTY AND DEVELOPMENT			**3,929**	**3,524**	**3,911**	**3,750**	**1,642**	**3,400**	**20,156**
CORPORATE FINANCE									
Connexus	3-100	2B-04	**3,645**	**3,000**	**1,500**	**2,500**	**2,500**		**13,145**
CITY CLERKS									
Office Automation - City Clerks	3-101	2B-05			100	200	200	200	700
Electronic Records Management	3-102	2B-04	200	260	50				510
Election Systems	3-103	2B-04	100						100
TOTAL CITY CLERKS			**300**	**260**	**150**	**200**	**200**	**200**	**1,310**

CAPITAL PROJECTS SUMMARY

(in Thousands of $)

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
CORPORATE INFORMATION TECHNOLOGY									
Communications Network Infrastructure	3-104	2C-05	698	602	723	611	610	649	3,893
Network Computing Initiatives	3-105	2C-05	151	251	251	199	204	211	1,267
E-Government	3-106	2C-05	500	1,850	2,583	1,680	1,682	1,689	9,984
TOTAL CORPORATE INFORMATION TECHNOLOGY			**1,349**	**2,703**	**3,557**	**2,490**	**2,496**	**2,549**	**15,144**
PROPERTY ASSESSMENT									
Assessment Automation	3-107	2B-04		**500**	**500**		**1,000**	**500**	**2,500**
NON-DEPARTMENTAL									
Convention Centre Cladding	3-108	2C-10	1,700						1,700
- Provincial Funding from VLT Revenues			1,700						1,700
Special Innovative Capital	3-109	2C-10	2,841		934	3,092	854	3,643	11,364
TOTAL NON-DEPARTMENTAL			**6,241**		**934**	**3,092**	**854**	**3,643**	**14,764**
TRANSIT									
Bus Radio System Replacement with AVL Enhancement [1]	3-110	3C-02		2,301	3,659				5,960
Regular Transit Buses	3-111	3C-02							
- Transit Bus Replacement Reserve			5,409	6,330	6,330	7,382	7,382	8,132	40,965
- Province - UCPA III			3,000						3,000
- Province - UCPA III Unconditional			2,302						2,302
- Province - UCPA IV				3,000	3,000	3,000	3,000	3,000	15,000
- Province - UCPA IV Unconditional				2,633	2,307	2,797	2,962	4,972	15,671
Fare Collection System [1]	3-112	3C-02				2,000	4,000		6,000
Innovative Transit Program [1]	3-113	3C-02	200	200	200	700	700	700	2,700
Transit Building Replacement/Refurbishment [1]	3-114	3C-02			100				100
Metrobus (Stage 1) [1]	3-115	3D-03				250	5,000	5,000	10,250
TOTAL TRANSIT			**10,911**	**14,464**	**15,596**	**16,129**	**23,044**	**21,804**	**101,948**

[1] *Total Transit (Internal Financing - Equity In Capital Assets Fund)*

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
HYDRO ELECTRIC SYSTEM									
Street Lighting - Tax-Supported Portion									
Replace Wood Pole Lighting with Ornamental Lighting	3-116	4B-03		100	100	100	100	100	500
Upgrading Lighting Plant on Bridges	3-117	4B-03			250	250	250	300	1,050
TOTAL STREET LIGHTING (Internal Financing - Equity in Capital Assets Fund)				**100**	**350**	**350**	**350**	**400**	**1,550**
Utilities Supported Portion									
Generation - Pointe du Bois	3-118	3D-07	18,700	18,000	6,000	4,750	18,500	21,750	87,700
Generation - Slave Falls	3-119	3D-07	2,800	5,200	12,300	8,600	3,100	2,300	34,300
Transmission Lines	3-120	3D-07	6,300	8,800	8,500	6,850	9,000	12,000	51,450
Distribution - Substations	3-121	3D-07	3,250	2,400	4,050	8,450	5,100	3,300	26,550
Distribution - Overhead	3-123	3D-07	1,200	1,200	1,200	1,200	1,200	1,200	7,200
Distribution - Underground	3-124	3D-07	3,100	3,100	3,840	4,940	5,140	3,840	23,960
Hydro Office/Other Buildings	3-125	3D-07	1,290	1,580	740	250	300	600	4,760
Customer Premises - Distribution Automation and Automatic Meter Reading	3-126	3D-07			500	2,000	2,000	2,000	6,500
Communications System - Municipal Fibre Cable	3-127	3D-07	600	600	600				1,800
TOTAL HYDRO (Utility Supported)			**37,240**	**40,880**	**37,730**	**37,040**	**44,340**	**46,990**	**244,220**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
WATER & WASTE									
Land Drainage and Flood Control - Tax-Supported Portion									
LAND DRAINAGE AND FLOOD CONTROL - REGIONAL									
Combined Sewer Flood Relief	3-128	3D-08							
- Frontage Levy			4,500	7,200	7,200	7,200	7,200	7,200	40,500
Flood Relief Sewers - Separate	3-129	3D-08							
- Frontage Levy				300	300	300	300	300	1,500
Impoundment Shoreline Replacement/Upgrading [2]	3-130	3D-08	200		100	100	100	100	600
Regional Flood Protection [2]	3-131	3D-08	294	344	344	450	450	450	2,332
Flood Pumping Station Reliability Upgrades [2]	3-132	3D-08	1,000	1,000	1,500	1,100	600	900	6,100
Land Drainage Sewers Outfall Gate Structures [2]	3-133	3D-08	1,450	500	2,000	2,000	1,450	1,450	8,850
Development Agreement Paybacks:	3-134	3D-08							
- Developer Capacity Charges Financing				335	1,400		600		2,335
Flood Activity/Emergency Information System [2]	3-135	3D-08	300						300
Floodplain Management [2]	3-136	3D-08	300					700	1,000
Permanent Secondary Dikes [2]	3-137	3D-08			500				500
- Provincial/Federal Contribution			5,000	600					5,600
St. Germain/Vermette Land Drainage Project [2]	3-138	3D-08						1,000	1,000
St. Vital Perimeter South Hydrogeological Assessment [2]	3-139	3D-05	120						120
Permanent Land Drainage Pumping Station at Kilkenny and Rice [2]	3-140	3D-08				800			800
Seine River Waterway Acquisition [2]	3-141	3D-08	100	150	150	150	150	150	850
Primary Dike Upgrading [2]	3-142	3D-08					1,000	800	1,800
Bibeau Drain Inlet Structure and Safety Grate [2]	3-143	3D-01	250						250
Land Drainage Safety Upgrading Program [2]	3-144	3D-01		200	200	500	500		1,400
Fernbank Ave Land Drainage Sewer	3-145	3D-08							
- Developer Capacity Charges Financing						875			875
South Tuxedo Stormwater Retention Basin	3-146	3D-08							
- Developer Capacity Charges Financing						500	1,100		1,600
Charleswood & Wilkes South Land Drainage Project [2]	3-147	3D-08						1,000	1,000
Harstone Outfall [2]	3-148	3D-08	860						860
Kildare Trunk Permanent Flood Pumping Station [2]	3-149	3D-08					500		500
TOTAL LAND DRAINAGE AND FLOOD CONTROL - REGIONAL			**14,374**	**10,629**	**13,694**	**13,975**	**13,950**	**14,050**	**80,672**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
LAND DRAINAGE AND FLOOD CONTROL - RESIDENTIAL									
Combined Sewer Renewals - Frontage Levy	3-150	3D-01	12,080	11,080	11,080	11,080	11,080	11,080	67,480
Outfall Maintenance [2]	3-151	3D-01	500	200	200	200	200	200	1,500
TOTAL LAND DRAINAGE AND FLOOD CONTROL - RESIDENTIAL			**12,580**	**11,280**	**11,280**	**11,280**	**11,280**	**11,280**	**68,980**
TOTAL LAND DRAINAGE AND FLOOD CONTROL			**26,954**	**21,909**	**24,974**	**25,255**	**25,230**	**25,330**	**149,652**

[2] Total Land Drainage and Flood Control (Internal Financing - Equity In Capital Assets Fund)

WATER WORKS SYSTEM - Utility Supported									
Long Term Zebra Mussel Mitigation [3]	3-152	3D-05			1,000				1,000
Shoal Lake Aqueduct Condition Assessment & Rehabilitation - Aqueduct Renewal Reserve Funding	3-153	3D-05	6,100	3,900					10,000
Saskatchewan Avenue Feedermain [3]	3-154	3D-05				1,163			1,163
Water Treatment Plant - Functional & Detailed Design & Construction	3-155	3D-05			34,000	68,000			102,000
- Water Treatment Reserve Funding			6,000	26,000	50,000	12,000			94,000
GWWD Railway Bridge Replacement [3]	3-156	3D-05	530					550	1,080
Lagimodiere Boulevard Feedermain Extension [3]	3-157	3D-05				1,300			1,300
McPhillips Pumping Station - Natural Gas Engine Replacement [3]	3-158	3D-05				1,250	750		2,000
MacLean Pumping Station - Natural Gas Engine Replacement [3]	3-159	3D-05				2,000			2,000
Water SCADA Replacement [3]	3-160	3D-05		1,275					1,275
Computerized Work Management System [3]	3-161	3D-05	350	275	275				900
Chlorine System Improvement [3]	3-162	3D-05		100	900				1,000
Branch II Aqueduct - Valves at Interconnection [3]	3-163	3D-05				100	1,200		1,300
Tache Booster Pumping Station Upgrading [3]	3-164	3D-05						1,000	1,000
Shoal Lake Aqueduct Intake Structure Condition Assessment [3]	3-165	3D-05					200	800	1,000
Disraeli Feedermain Condition Assessment [3]	3-166	3D-05			100				100
Watermain Renewals - Frontage Levy	3-167	3D-01	9,000	7,000	7,000	7,000	7,000	7,000	44,000
TOTAL WATERWORKS (Utility Supported)			**21,980**	**38,550**	**93,275**	**92,813**	**9,150**	**9,350**	**265,118**

[3] Financed from Waterworks Retained Earnings

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	ADOPTED BY COUNCIL 2002 BUDGET	FORECAST 2003	2004	2005	2006	2007	2002-2007 6 YEAR TOTAL
SEWAGE DISPOSAL SYSTEM - Utility Supported									
SEWAGE DISPOSAL - REGIONAL									
Primary Clarifier Covers - NEWPCC [4]	3-168	3D-06		300	6,900				7,200
Wastewater Disinfection - NEWPCC - Environmental Reserve Funding	3-169	3D-06	8,520						8,520
Chlorine System Improvements - NEWPCC [4]	3-170	3D-06		200	2,800				3,000
Outfall Capacity & Flood Protection Upgrading - NEWPCC [4]	3-171	3D-06				750	1,000		1,750
High River Level (Flood) Protection - SEWPCC [4]	3-172	3D-06	300	1,700					2,000
Capacity Study/Preliminary Engineering - SEWPCC [4]	3-173	3D-06	300	1,600	1,600				3,500
Primary Clarifier Expansion - SEWPCC [4]	3-174	3D-06	250	8,500					8,750
Wastewater Disinfection - WEWPCC - Environmental Reserve Funding	3-175	3D-06		800	980	950			2,730
Lift Station Upgrading [4]	3-176	3D-06	250	250	250	250	250	250	1,500
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve Funding	3-177	3D-06	1,000	5,000	5,000	5,000	5,000	5,000	26,000
Warde Interceptor Sewer [4]	3-178	3D-06		1,300					1,300
Inflow/Infiltration/Cross-Connection Study and Mitigation [4]	3-179	3D-06				700	1,300		2,000
Sewer System Isolation in Areas Protected by Secondary Dikes [4]	3-180	3D-06				1,000			1,000
Computerized Work Management System [4]	3-181	3D-06	350	275	275				900
Boiler Replacements - NEWPCC [4]	3-182	3D-06	250	250		700			1,200
Raw Sewage Pump Replacement - NEWPCC [4]	3-183	3D-06					800	800	1,600
Biosolids - Alternative Disposal Study [4]	3-184	3D-06			400	600			1,000
Centrate Treatment - NEWPCC - Environmental Reserve Funding	3-185	3D-06		500	10,000				10,500
Montcalm Pumping Station & Forcemain Upgrade [4]	3-186	3D-06	700						700
Mager Drive Pumping Station Upgrade [4]	3-187	3D-06	600						600
Northeast Interceptor Extension - Regent to Dugald [4]	3-188	3D-06						5,500	5,500
River Water Quality Hearings - Environmental Reserve Funding	3-189	3D-06	200						200
TOTAL SEWAGE DISPOSAL - REGIONAL			**12,720**	**20,675**	**28,205**	**9,950**	**8,350**	**11,550**	**91,450**
SEWAGE DISPOSAL - RESIDENTIAL									
Wastewater Sewer Renewal - Frontage Levy	3-190	3D-01	**420**	**420**	**420**	**420**	**420**	**420**	**2,520**
TOTAL SEWAGE DISPOSAL (Utility Supported)			**13,140**	**21,095**	**28,625**	**10,370**	**8,770**	**11,970**	**93,970**

[4] *Financed from Sewage Disposal Retained Earnings*

Winnipeg

CAPITAL PROJECTS DETAIL

2002 Annual
Capital Estimates

and

2003 to 2007
Five-Year Capital Forecast

Adopted by Council on February 11, 2002

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Capital Projects Detail – Introduction

Presentation

The following section of this document gives additional details about each project in the estimates, including financial details, a narrative description, and in some cases a map or diagram. The projects are arranged by department, with the General Capital Fund (tax-supported) departments first, followed by Utilities. The Water and Waste Department has both tax-supported and utility supported projects. Similarly, the Hydro utility has some tax-supported projects relating to street lighting.

Program

The Program category provides a direct link between a specific capital project and the public or internal program it assists in providing. These program categories reflect those described in the City of Winnipeg's Action Plan 2000 - 2002.

Capital Priority Rating

A reference to a Capital Priority Rating number appears below the project name. The Capital Priority Rating System is explained in detail in **Exhibit 3**.

Usually this rating consists of two numbers separated by a dash. The higher the priority rating numbers, the higher the priority of the project. The first number refers to the importance of the service provided, ranging from a high of 5 for vital services down to 1 for desirable services. The second number refers to the impact of not proceeding with the project, ranging from a high impact of 4 to a low of 1.

In some cases, up to two bonus points may be added for projects that clearly contribute specifically to the City's declared development objectives.

Plan Winnipeg[1] Indicator

The Plan Winnipeg Indicator appears below the Capital Priority Rating. Plan Winnipeg indicators show which objective of the City's long-range policy plan is most closely related to the project, although in many cases other objectives could also apply.

---

1 *Plan Winnipeg...2020 vision adopted December 12, 2001*

Financial Information and Assumptions

For each project, a table of financial information is provided. Project costs for the tax-supported General Capital Fund projects include 1% Administration and 2% Financing overhead charges. The Centre Number shown below the project name refers to the number used in the General Ledger accounting records.

All project costs are assumed to be funded by the City through its Equity In Capital Assets Fund (formerly the General Reserve Fund) unless a breakdown of specific funding sources is shown in the table. As noted in the capital projects summary, unallocated Urban Capital Projects Allocation (UCPA) funds will also be used to offset the funding requirements of the General Reserve.

The 2002 amounts, shown in the financial table, are the only funds approved for spending. The 2003 - 2007 amounts are a forecast only.

CORPORATE FINANCE - GENERAL CAPITAL FUND

Project Name: **Local Improvements**

Centre No.: 9920029899
Program: Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	723	500	500	600	600	600	2,800	3,523
Financed by:									
Equity In Capital Assets Fund		723	500	500	600	600	600	2,800	3,523

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	629	519	500	585	600	600	90	3,523
Financed by:								
Equity In Capital Assets Fund	629	519	500	585	600	600	90	3,523

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	38	102	81
Less:			
Operating expenditures increase/(decrease)		2	2
Debt and finance charges increase	22	82	137
SURPLUS/(DEFICIT)	16	18	(58)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Local Improvement Capital Projects are those which are financed partly by a direct levy on the properties benefited (Property Owner's Share) and partly by a mill rate levy over the City-At-Large (City's Share). The Program is governed by Local Improvement By-Law No. 98/72 and is subject to advertising and subsequent approval by the majority of ratepayers involved. The type of expenditures generally falling within this category are: paving of local streets and lanes; sidewalk and boulevard construction; installation of new water mains and sewer; ornamental street lighting and lane lighting.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Moray Street - Extension to Grant Avenue**

Centre No.: 5101010701
Program: Infrastructure

Capital Priority Rating 3 - 4
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Invest Strategically in New Infrastructure (3D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,750	6,815	-	-	-	-	-	-	6,815
Financed by:									
Equity In Capital Assets Fund		6,815						-	6,815

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	5,815	1,000	-	-	-	-	-	6,815
Financed by:								
Equity In Capital Assets Fund	5,815	1,000						6,815

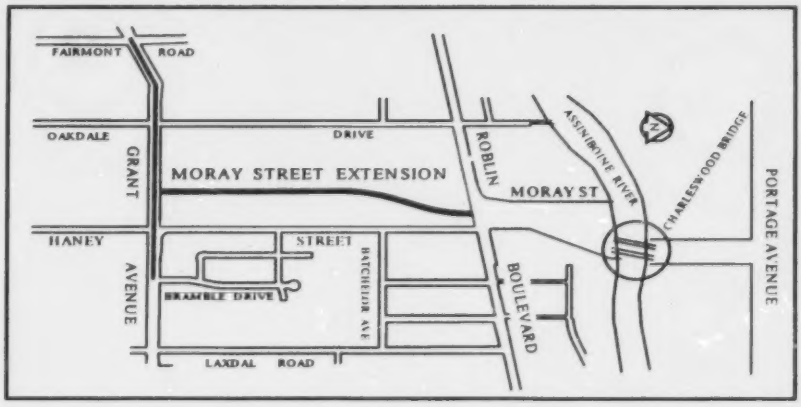
NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	349	60	
Less:			
Operating expenditures increase/(decrease)	7	19	19
Debt and finance charges increase	204	620	688
SURPLUS/(DEFICIT)	138	(579)	(707)

After 5 years of operation, pavement maintenance will be an additional $8,000 per year.

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Provision of a four lane divided roadway to extend Moray Street from Roblin Boulevard to Grant Avenue. This project was initiated in 2000 and included a $750,000 allocation for Preliminary Engineering, environmental impact study and public participation and detailed engineering and property acquisition in 2001.

A four lane divided facility between Roblin Boulevard and Grant Avenue and rehabilitation of Grant Avenue from Bramble Drive to Fairmont Road including turning lanes on Roblin Boulevard are to be constructed in 2002.



Project Name: **Silver Avenue Extension - St. James Street to Madison Street**

Centre No: 5102010101
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Invest Strategically in New Infrastructure (3D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	825	-	-	-	-	-	-	825
Financed by:									
Equity In Capital Assets Fund		825						-	825

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	825	-	-	-	-	-	-	825
Financed by:								
Equity In Capital Assets Fund	825							825

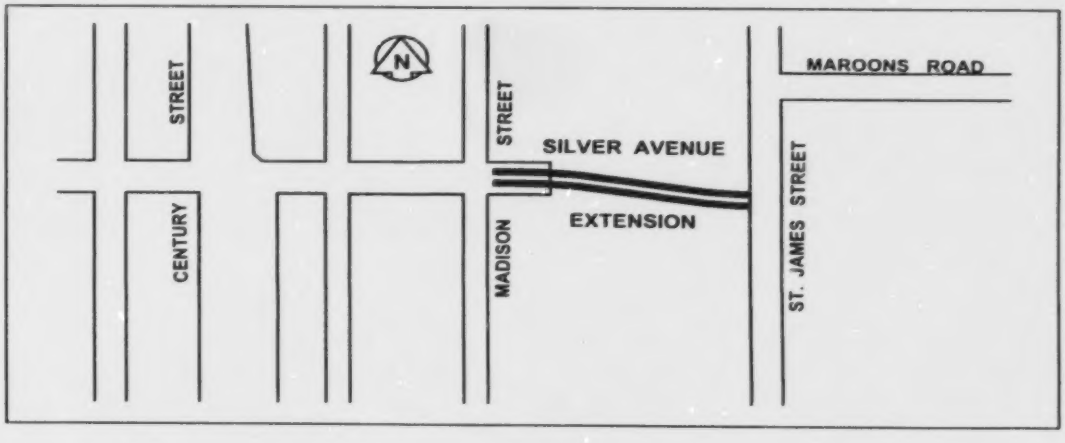
NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	50		
Less:			
Operating expenditures increase/(decrease)	2	7	7
Debt and finance charges increase	29	83	83
SURPLUS/(DEFICIT)	19	(90)	(90)

After 5 years of operation, pavement maintenance will be an additional $1,800 per year.

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project is the extension of Silver Avenue from Madison Street to St. James Street which includes a 4 lane divided facility with appropriate geometrics. The project includes a westbound to southbound left turn onto Century Street and a traffic signal.

The project was constructed and financed in 2001 by the Developer, Alloway Investment Ltd. And Oxbow Holding Ltd. who in turn, will be refunded as Developer Payback on a first call basis in these 2002 Capital Estimates.



Project Name: **Kenaston Boulevard - Academy Road to Taylor Avenue**

Centre No: 5101030701
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

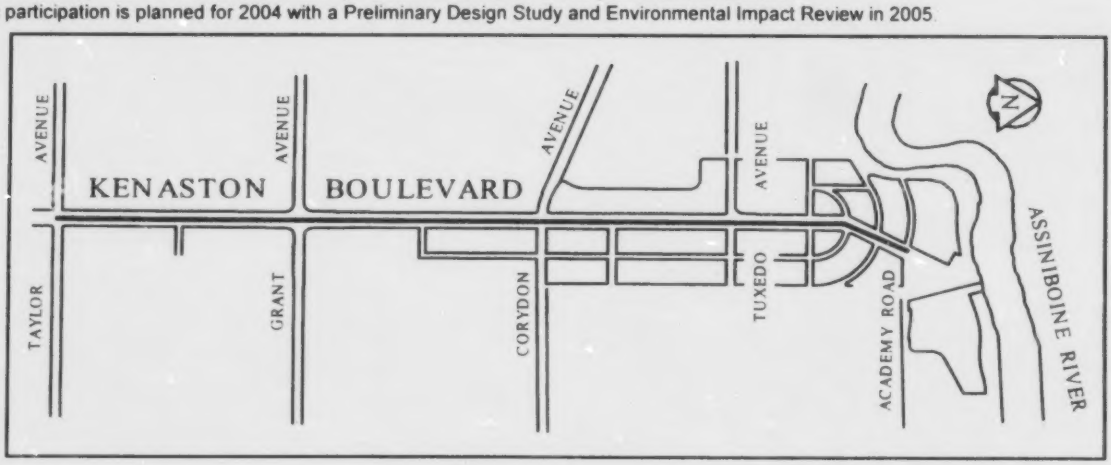
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	100	100	400	1,100	100	100	1,800	1,900
Financed by:									
Equity In Capital Assets Fund		100	100	400	1,100	100	100	1,800	1,900

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	100	100	355	995	250	100	-	1,900
Financed by:								
Equity In Capital Assets Fund	100	100	355	995	250	100		1,900

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	6	6	21
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	14	34
SURPLUS/(DEFICIT)	2	(8)	(13)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The estimate includes funding for the provision of maintenance of the roadway until the facility is reconstructed. On April 19, 1995, Council approved the expenditure of $100,000 annually until the construction of the permanent rehabilitation.
Public participation is planned for 2004 with a Preliminary Design Study and Environmental Impact Review in 2005.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Dakota Street - Abbotsford Crescent to Paddington Road**

Centre No.: 5102030101
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit to Maintenance and Renewal of Existing Infrastructure (3D-01)

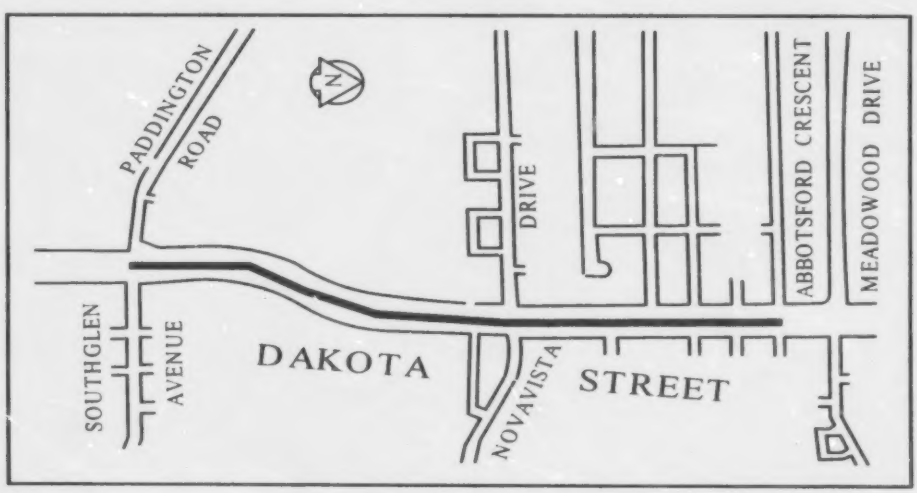
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	3,173	-	-	-	-	-	-	3,173
Financed by:									
Equity In Capital Assets Fund		2,890						-	2,890
Developer Funding		283						-	283

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	2,697	476	-	-	-	-	-	3,173
Financed by:								
Equity In Capital Assets Fund	2,414	476						2,890
Developer Funding	283							283

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	162	29	-
Less:			
Operating expenditures increase/(decrease)	4	10	10
Debt and finance charges increase	94	288	292
SURPLUS/(DEFICIT)	64	(269)	(302)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Includes the construction of an additional two lane pavement to form a four lane divided facility and the rehabilitation and asphalt overlay of existing concrete pavement. The divided roadway will provide increased capacity for existing and future traffic flows and safety by the incorporation of a median by separating the two opposing directions of traffic.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **St. Anne's Road - Novavista Drive to Warde Avenue**

Centre No.: 51yy0301xx
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	300	-	300	300
Financed by:									
Equity In Capital Assets Fund						300		300	300

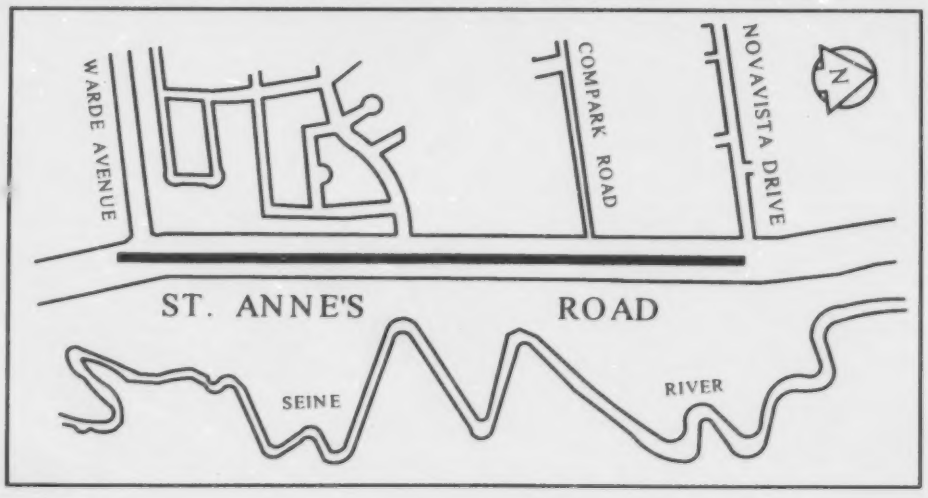
CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	300	-	-	300
Financed by:								
Equity In Capital Assets Fund					300			300

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding in 2006 for preliminary engineering, environmental impact study, public participation, land acquisition and detailed design.

Construction of a four lane divided facility to replace the existing two lane roadway between Novavista Drive and Warde Avenue, including land acquisition. Provision of improved safety through the incorporation of a centre median which separates opposing traffic and improves capacity for the accommodation of the existing and projected travel demand and the construction of sidewalks on both sides.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Traffic Engineering Improvements - Various Locations**

Centre No: 5101070702
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Traffic Operations Improvements (3C-03)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	500	700	1,000	1,000	1,000	1,000	4,700	5,200
Financed by:									
Equity In Capital Assets Fund		500	700	1,000	1,000	1,000	1,000	4,700	5,200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	425	670	955	1,000	1,000	1,000	150	5,200
Financed by:								
Equity In Capital Assets Fund	425	670	955	1,000	1,000	1,000	150	5,200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	26	40	57
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	15	68	150
SURPLUS/(DEFICIT)	11	(28)	(93)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program which includes traffic control signals and pedestrian corridors, traffic signal systems enhancement, roadside safety improvements, traffic improvements, railway crossing signals, roadside lighting and traffic calming measures. The function is to improve the safety and the traffic capacity of the existing Regional and Local Street Systems.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Land Acquisition - Transportation Rights-of-Way - Various Locations**

Centre No.: 51yy1001xx
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	600	-	-	-	600	600
Financed by:									
Equity In Capital Assets Fund				600				600	600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	510	90	-	-	-	600
Financed by:								
Equity In Capital Assets Fund			510	90				600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			31
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			20
SURPLUS/(DEFICIT)	-	-	11

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Allowance for the acquisition of land for future transportation rights-of-way not included in any specific capital project within the given year's Capital Program. To allow for eventual implementation of proposed transportation plans by acquiring rights-of-way when the necessary land becomes available or when non-compatible private development is proposed on the land that will be required.

Project Name: **Pedestrian & Cycle Facilities - Various Locations**

Centre No.: 5101080701
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Integrated Transportation Network (3C-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	300	100	300	300	500	500	1,700	2,000
Financed by:									
Equity In Capital Assets Fund		300	100	300	300	500	500	1,700	2,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	270	115	270	300	470	500	75	2,000
Financed by:								
Equity In Capital Assets Fund	270	115	270	300	470	500	75	2,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	5	18	16
Less:			
Operating expenditures increase/(decrease)	1	1	1
Debt and finance charges increase	3	20	51
SURPLUS/(DEFICIT)	1	(3)	(36)

After 5 years of operation, pavement maintenance will be an additional $1,000 per year.

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Program for the construction of new sidewalks and cycle facilities along Regional Streets where no sidewalk or cycle facility presently exists and where there is a warrant for the provision of such a facility.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Regional Street Renewals - Annual Program**

Centre No.: 5102040101
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	3,125	5,340	12,793	9,586	9,678	9,959	47,356	50,481
Financed by:									
Equity In Capital Assets Fund		3,125	5,340	12,793	9,586	9,678	9,959	47,356	50,481

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	2,656	5,008	11,675	10,067	9,664	9,917	1,494	50,481
Financed by:								
Equity In Capital Assets Fund	2,656	5,008	11,675	10,067	9,664	9,917	1,494	50,481

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	159	300	701
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	93	454	1,245
SURPLUS/(DEFICIT)	66	(154)	(544)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Carrying out the annual program for Regional street reconstruction and street rehabilitation by the application of joint and slab renewals, asphalt overlays and resurfacings, curb and sidewalk reconstruction and various utility renewals and improvements. Includes projects which are initiated by the requirement for the renewal of existing roadways and road surfaces with little or no improvement to the roadway alignment or width, occasionally includes minor land acquisition. The purpose of the program is to maintain the quality, structural adequacy and rideability of the Regional Street System as well as to protect the City's original investment in the roadway.

Projects will be submitted by the Administration for approval by the Standing Policy Committee on Public Works on projects which reflect the most current Council approved budget.

Projects for the 2002 Regional Street - Normal Annual Program include the following:

CNR Oak Point Railroad crossing restoration	$220,000
Portage Avenue (west bound) from Ferry Road to Route 90 Overpass	$1,055,000
Portage Avenue (both sides) from Empress Street Underpass to Route 90 Overpass	$965,000
Notre Dame Avenue (east bound) from Arlington Street to Maryland Street	$885,000
Notre Dame Avenue (west bound) from Arlington Street to Isabel Street (if surplus funds from favorable tenders on the above projects)	
Total	$3,125,000

Forecasted for the 2004 Regional Street - Normal Annual Program:

St. Mary's Road from Fermor Avenue to Dunkirk Drive	$2,950,000

This is a continuing program. No amounts have been included for "previous budgets" because former capital budgets identified specific renewal projects in the most current capital year.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Bishop Grandin Boulevard - St. Anne's Road to the Fort Garry Bridge**

Centre No.: 5101040702
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,265	800	800	-	-	-	-	800	1,600
Financed by:									
Equity In Capital Assets Fund		800	800					800	1,600

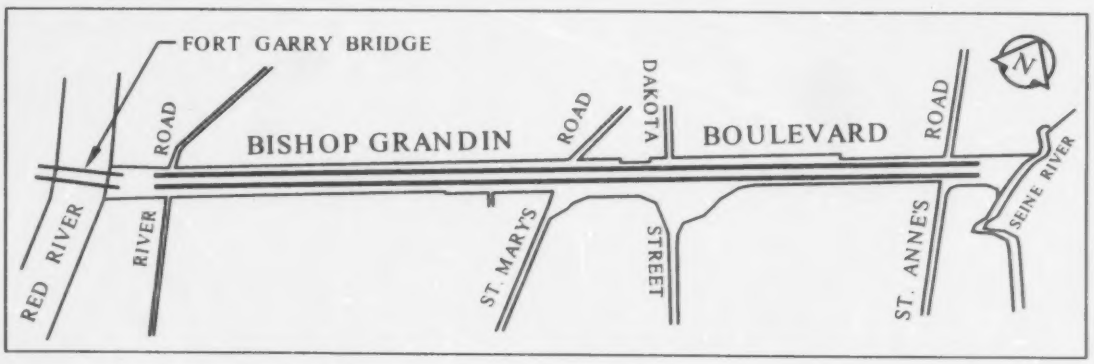
CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	750	800	50	-	-	-	-	1,600
Financed by:								
Equity In Capital Assets Fund	750	800	50					1,600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	45	48	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	26	105	161
SURPLUS/(DEFICIT)	19	(57)	(158)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the removal of the asphalt surface, rehabilitation of concrete slabs and joints and the resurfacing of the pavement. The purpose of the rehabilitation is to improve the ride and drainage and provide a safe roadway for the motorists.

This project will be completed in stages over 4 years.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Inkster Boulevard - Main Street to Lansdowne Avenue**

Centre No: 5101040703
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	400	300	200	200	200	200	-	800	1,100
Financed by:									
Equity In Capital Assets Fund		300	200	200	200	200		800	1,100

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	285	205	200	200	200	10	-	1,100
Financed by:								
Equity In Capital Assets Fund	285	205	200	200	200	10		1,100

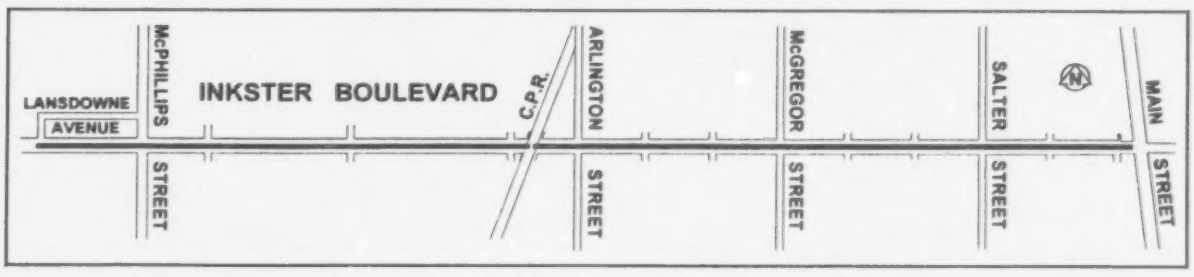
NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	17	12	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	10	36	58
SURPLUS/(DEFICIT)	7	(24)	(46)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the removal of the asphalt surface, rehabilitation of concrete slabs and joints, curb and sidewalk repair and the resurfacing of the pavement. The purpose of the rehabilitation is to improve the ride and drainage and provide a safe roadway for cyclists and motorists.

Inkster Boulevard limit has been extended from "Main Street to Arlington Street" to "Main Street to Lansdowne Avenue" to also accommodate the deteriorating roadway from Arlington Street to Lansdowne Avenue.

It is projected that the entire project will be completed by 2006.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Main Street - Lombard Avenue to Disraeli Freeway (Canada/Manitoba Infrastructure Program - Downtown Waterfront)**

Centre No: 7101010201
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,000	-	-	3,200	-	-	-	3,200	3,200
Financed by:									
Equity In Capital Assets Fund				1,195				1,195	1,195
Canada/Manitoba Infrastructure Program				2,005				2,005	2,005

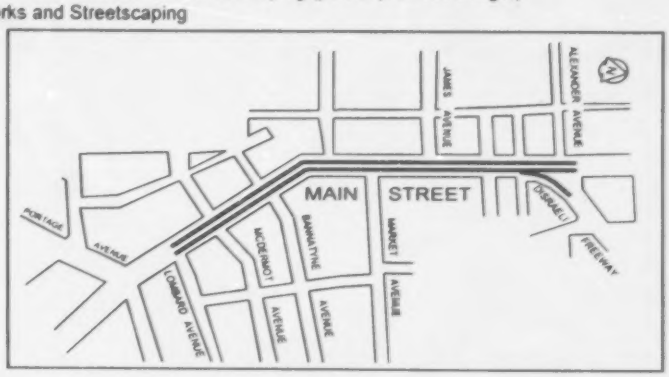
CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	2,721	479	-	-	-	3,200
Financed by:								
Equity In Capital Assets Fund			1,017	178				1,195
Canada/Manitoba Infrastructure Program			1,704	301				2,005

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			163
Less:			
Operating expenditures increase/(decrease)		5	5
Debt and finance charges increase			39
SURPLUS/(DEFICIT)	-	(5)	119

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The total reconstruction of Main Street from Lombard Avenue to Disraeli Freeway in concrete pavement. Associated works also include streetscaping, signal light replacement, street lighting (Heritage poles), geometric improvement at the Disraeli Freeway and related property acquisition. The Canada/Manitoba Infrastructure Program was approved August 16, 2001.

The following schedule is proposed for this project:
2001 - Watermain, Land Drainage Sewer and northbound Roadworks and Streetscaping
2002 - Completion of northbound Roadworks and Streetscaping (part of previous budget)
2004 - Southbound Roadworks and Streetscaping



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Sidewalk/Curb Renewals - Regional Streets**

Centre No.: 5102060101
Program: Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	350	290	500	500	500	500	2,290	2,640
Financed by:									
Equity In Capital Assets Fund		350	290	500	500	500	500	2,290	2,640

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	298	299	468	500	500	500	75	2,640
Financed by:								
Equity In Capital Assets Fund	298	299	468	500	500	500	75	2,640

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	18	18	28
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	10	41	79
SURPLUS/(DEFICIT)	8	(23)	(51)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Sidewalk and curb renewals at various locations on Regional Streets.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Waterway Crossing & Grade Separations - Annual Maintenance Program**

Centre No: 5102050101
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	300	850	2,160	4,250	6,242	6,200	19,702	20,002
Financed by:									
Equity In Capital Assets Fund		300	850	2,160	4,250	6,242	6,200	19,702	20,002

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	255	768	1,963	3,937	5,943	6,206	930	20,002
Financed by:								
Equity In Capital Assets Fund	255	768	1,963	3,937	5,943	6,206	930	20,002

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	15	46	118
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	54	182
SURPLUS/(DEFICIT)	6	(8)	(64)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program for carrying out major repairs, improvements, or replacement of existing bridges, subways, overpasses and culverts ensuring continued and continuous services of these facilities to the maximum practical extent.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **Bridge Deck - Deck Sealing Program**

Centre No.: 5102050102
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	400	-	-	-	-	-	-	400
Financed by:									
Equity In Capital Assets Fund		400						-	400

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	340	60	-	-	-	-	-	400
Financed by:								
Equity In Capital Assets Fund	340	60						400

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	20	4	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	36	40
SURPLUS/(DEFICIT)	8	(32)	(40)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program to seal, waterproof and restore concrete bridge deck surfaces.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Provencher Paired Bridges Project:**
- Vehicle Bridge and Roadway Connection to Main Street
- Pedestrian Bridge (Canada/Manitoba Infrastructure Program - Downtown Waterfront)

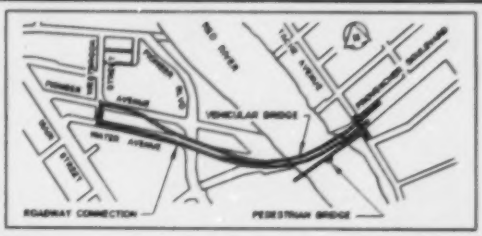
Centre No.: 5101050705
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	25,600	27,100	13,700	-	-	-	-	13,700	40,800
Financed by:									
City *		23,100	11,000					11,000	34,100
Canada/Manitoba Infrastructure Program		4,000	2,700					2,700	6,700

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	27,100	13,700	-	-	-	-	-	40,800
Financed by:								
Equity In Capital Assets Fund	10,000	10,000	8,000	6,100				34,100
Canada/Manitoba Infrastructure Program	4,000	2,700						6,700
Interim Financing	13,100	1,000	(8,000)	(6,100)				-

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	1,506	741	
Less:			
Operating expenditures increase/(decrease)			7
Debt and finance charges increase	809	2,727	3,472
SURPLUS/(DEFICIT)	697	(1,986)	(3,479)



Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

*** Authorization for Long Term General Reserve (Equity In Capital Assets Fund) Financing as adopted in principle on December 16, 1999**

2002	2003	2004	2005	Total
10,000	10,000	8,000	6,100	34,100

The cash flow for the project will be interim financed on a short-term basis from the General Reserve (Equity In Capital Assets Fund) and/or short term promissory notes until long term financing is available from the General Reserve (Equity In Capital Assets Fund).

A public consultation process and an environmental impact assessment was started in 1999. Preliminary engineering design was completed in 2000. Replacement of the existing structure commenced in July 2001. The construction is scheduled for completion in 2003. The Pedestrian Bridge and roadway connection to Main Street portions of this project are scheduled for construction in 2002 and 2003. Council approved the reconstruction of the roadway connection from the Provencher Bridge to Main Street on October 18, 2000. Funding for the roadway connection from the Provencher Bridge to Main Street is available in the existing budget due to favourable tender submissions in 2001 for the Provencher Paired Bridges project.

The total cost of the project is $68,000,000 and the funding sources are as follows (000's):

Public Works Department **	$ 66,400
Water and Waste - Forcemain, sewer, and water renewals	1,400
Other Utilities (MTS)	200
Total	$ 68,000
** includes Canada/Manitoba Infrastructure Program (Pedestrian Bridge)	9,400

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Disraeli Bridge & Overpass Facility**

Centre No 5100050704
Program Infrastructure

Capital Priority Rating 3 - 4
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

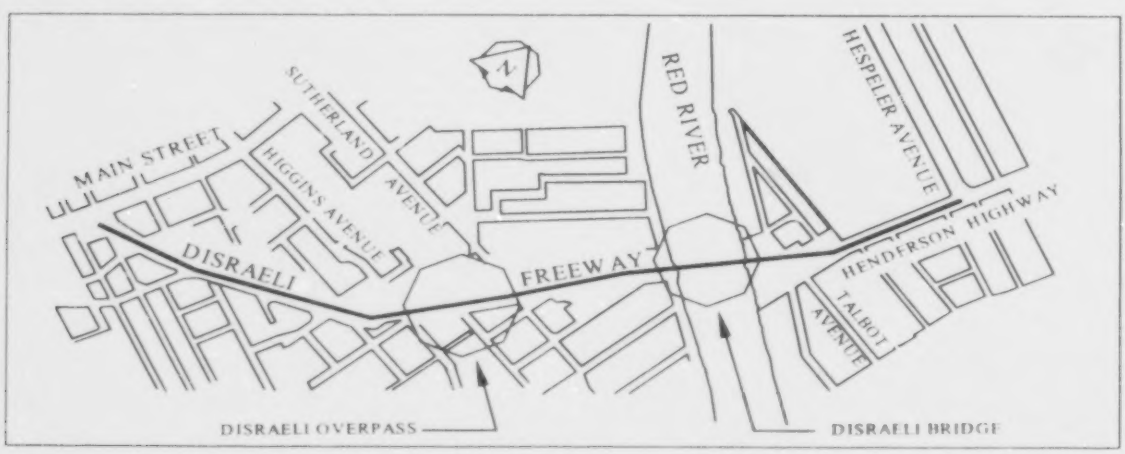
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	150	250	150	1,000	4,500	-	5,900	6,050
Financed by									
Equity In Capital Assets Fund		150	250	150	1,000	4,500		5,900	6,050

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	128	236	166	873	3,972	675	-	6,050
Financed by								
Equity In Capital Assets Fund	128	236	166	873	3,972	675		6,050

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	8	14	10
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	22	44
SURPLUS/(DEFICIT)	4	(8)	(34)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual monitoring, preventative maintenance and inspection until major interim repairs take place in 2006. Preliminary engineering, environmental assessment and public consultation is budgeted for in 2005.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Redwood Bridge**

Centre No 5102050105
Program Infrastructure

Capital Priority Rating 3 - 4
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	4,000	-	-	-	-	4,000	4,500
Financed by									
Equity In Capital Assets Fund		500	4,000					4,000	4,500

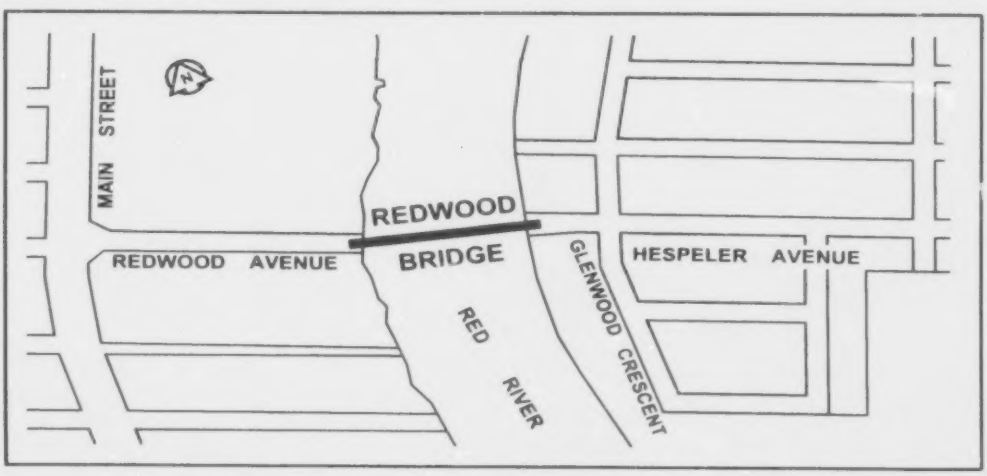
CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	475	2,100	1,925	-	-	-	-	4,500
Financed by								
Equity In Capital Assets Fund	475	2,100	1,925					4,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	29	126	116
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	17	126	343
SURPLUS/(DEFICIT)	12	-	(227)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rehabilitation/preservation works including substructure stabilization, sidewalk replacement and roadside safety improvements

Preliminary engineering in 2002 with construction in 2003-2004



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Local Street Renewal - Various Locations**

Centre No: 5102140101
Program: Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	18,197	13,800	14,723	15,115	12,000	15,978	71,616	89,813
Financed by									
Equity In Capital Assets Fund		3,447	8,800	9,723	10,115	7,000	10,978	46,616	50,063
Frontage Levy Revenue		9,750						-	9,750
Provincial Contribution		5,000	5,000	5,000	5,000	5,000	5,000	25,000	30,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	16,218	14,459	14,585	15,056	12,467	15,381	1,647	89,813
Financed by:								
Equity In Capital Assets Fund	2,930	7,997	9,585	10,056	7,467	10,381	1,647	50,063
Frontage Levy Revenue	8,288	1,462						9,750
Provincial Contribution	5,000	5,000	5,000	5,000	5,000	5,000		30,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	973	868	875
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	568	2,167	3,711
SURPLUS/(DEFICIT)	405	(1,299)	(2,836)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Carrying out requirements for street reconstruction or street rehabilitation by the application of joint and slab renewals, asphalt overlays, and curb and sidewalk reconstruction. Includes projects which primarily involve the renewal of existing roadways and road surfaces with little or no improvement to the roadway alignment or width. Maintains the quality, structural adequacy, and rideability and protects the original investment on the local street system.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Sidewalk Renewal Program - Various Locations**

Centre No 5102110101
Program Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	400	400	400	400	400	400	2,000	2,400
Financed by:									
Equity In Capital Assets Fund		150	400	400	400	400	400	2,000	2,150
Frontage Levy		250						-	250

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	400	400	400	400	400	400	-	2,400
Financed by:								
Equity In Capital Assets Fund	150	400	400	400	400	400		2,150
Frontage Levy	250							250

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	24	24	24
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	14	55	98
SURPLUS/(DEFICIT)	10	(31)	(74)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Sidewalk renewals at various locations on Local Streets in the five community areas.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **Panet Road Expansion - Munroe Avenue to Concordia Avenue**

Centre No: 51yy0401xx
Program: Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

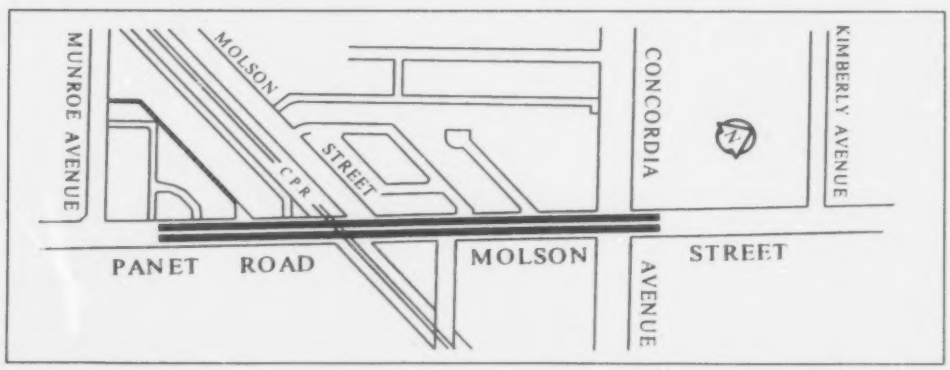
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	3,000	-	3,000	3,000
Financed by:									
Equity In Capital Assets Fund						3,000		3,000	3,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	2,550	450	-	3,000
Financed by:								
Equity In Capital Assets Fund					2,550	450		3,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrade (from 2-lane undivided rural to 4-lane divided urban cross-section) Panet Road/Molson Street from Reenders Drive to Springfield Road in three equidistant sections. The construction of Panet Road/Molson Street will allow traffic to flow in a safe manner by the incorporation of a centre median and will accommodate the existing and projected traffic demands by the addition of one lane in each direction.



Project Name: **Curb Repair Program - Various Locations**

Centre No: 5102120101
Program: Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	250	250	250	250	250	250	1,250	1,500
Financed by:									
Equity In Capital Assets Fund		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	213	250	250	250	250	250	37	1,500
Financed by:								
Equity In Capital Assets Fund	213	250	250	250	250	250	37	1,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	13	15	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	31	57
SURPLUS/(DEFICIT)	6	(16)	(42)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Curb repair at various locations on Local Streets within the five community areas.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Lane Renewals - Various Locations**

Centre No.: 51yy130101
Program: Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	1,281	1,000	1,000	1,000	-	4,281	4,281
Financed by:									
Equity In Capital Assets Fund			1,281	1,000	1,000	1,000		4,281	4,281

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	1,089	1,042	1,000	1,000	150	-	4,281
Financed by:								
Equity In Capital Assets Fund		1,089	1,042	1,000	1,000	150		4,281

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		65	63
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		41	155
SURPLUS/(DEFICIT)	-	24	(92)

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Renewal of alleys throughout the City.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **Waterfront Drive (Canada/Manitoba Infrastructure Program - Downtown Waterfront)**

Centre No: 7101010101
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Invest Strategically in New Infrastructure (3D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,167	4,408	407	-	-	-	-	407	4,815
Financed by:									
Equity In Capital Assets Fund			145					145	145
Transfer - 2001 Operating		1,698						-	1,698
Canada/Manitoba Infrastructure Program		2,710	262					262	2,972

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	4,408	407	-	-	-	-	-	4,815
Financed by:								
Equity In Capital Assets Fund		145						145
Transfer - 2001 Operating	1,698							1,698
Canada/Manitoba Infrastructure Program	2,710	262						2,972

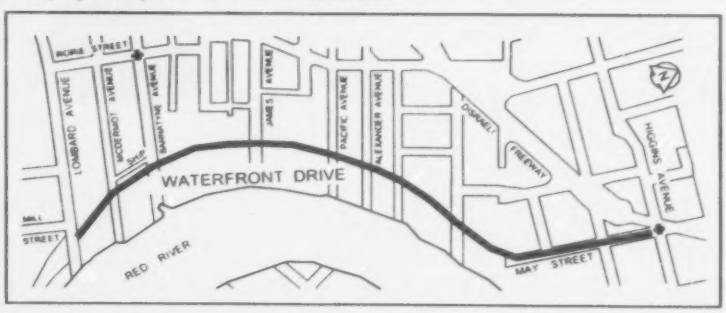
NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	176	19	
Less:			
Operating expenditures increase/(decrease)	15	25	25
Debt and finance charges increase		5	15
SURPLUS/(DEFICIT)	161	(11)	(40)

After 5 years of operation, pavement maintenance will be an additional $8,000 per year.

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project includes the construction of a new roadway facility from Lombard Avenue to May Street (proposed to be named Waterfront Drive) and a reconstruction of the existing facility on May Street from the most southerly portion of the roadway to Higgins Avenue. The scope of the work also includes related land acquisition, streetscaping, installation of lights, traffic signals at Higgins Avenue and May Street and at Rorie Street and Bannatyne Avenue, the stabilization of the riverbank on the Red River and the extension of a pedestrian/cycle pathway from Lombard Avenue to connect to the existing pathway at May Street.

The project is being phased over three years as per the following schedule:
Phase 1 - Lombard Avenue to James Avenue in 2001/2002
Phase 2 - Riverbank stabilization and planting in 2002
Phase 3 - James Avenue to Higgins Avenue in 2002
Phase 4 - Streetscaping in Stephen Juba Park in 2002/2003



Project Name: **Asset Management System - Various Divisions**

Center No: 5102150102
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	985	160	200	125	200	275	250	1,050	1,210
Financed by:									
Equity In Capital Assets Fund		160	200	125	200	275	250	1,050	1,210

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	136	194	136	189	264	254	37	1,210
Financed by:								
Equity In Capital Assets Fund	136	194	136	189	264	254	37	1,210

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	8	12	8
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	21	39
SURPLUS/(DEFICIT)	3	(9)	(31)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Asset Management program being implemented in the Public Works Department is centred on the application of quality management principles to the operation, maintenance, rehabilitation and reconstruction of the Public Works Infrastructure today and in the long-term. A primary objective is the establishment of comprehensive methodologies to demonstrate the long-term preservation requirements for the infrastructure and the appropriate usage of today's funding in an efficient and effective manner in order to meet the service objectives and obligations of the City as they relate to the Public Works infrastructure.

The initial emphasis of the Asset Management Program is on roadway infrastructure. A surface condition manual was prepared and tested in 2000. All of the local streets (residential and collectors) have been rated using the new manual. Results of the pavement rating program have been used in identifying the 2002 Residential Street Renewal candidates and in the formation of probalistic and dertiministic models. The probalistic models will allow the users to make decisions on the street network, for example, funding requirements to maintain the residential street network in the current condition over the next five years. The detirministic models will allow the users, at the tactical level, to detirmine a strategy of work to produce an optimum expenditure within the allowed budget and identify locations for the required work on the residential street system. Public Works field street maintenance personnel are currently assisting in the development of standards business concepts and maintenance work planning associated with the implementation of the program.

A work tracking system has been implemented in the Maintenance Division of Public Works. This system will allow the users to identify and store locations where maintenance activities are performed and subsequently monitor the effectiveness of the work over time.

Project Name: **Land Drainage Sewers - Regional and Local Streets**

Centre No: 5102160101
Program: Infrastructure

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	250	250	250	250	250	250	1,250	1,500
Financed by:									
Equity In Capital Assets Fund		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	212	250	250	250	250	250	38	1,500
Financed by:								
Equity In Capital Assets Fund	212	250	250	250	250	250	38	1,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	13	15	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	31	57
SURPLUS/(DEFICIT)	6	(16)	(42)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Land Drainage sewers required in conjunction with isolated catch basins and connections for new pavements including Local Improvement projects as well as miscellaneous drainage improvements.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **Streets - Aesthetic Improvements**

Centre No.: 51yy0202xx
Program: Image

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Envrionment, Image, and Amenities - Design and Enhance Image Routes and Scenic Drives (5E-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	100	114	257	211	-	682	682
Financed by:									
Equity In Capital Assets Fund			100	114	257	211		682	682

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	85	112	235	218	32	-	682
Financed by:								
Equity In Capital Assets Fund		85	112	235	218	32		682

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		5	7
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		3	13
SURPLUS/(DEFICIT)	-	2	(6)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replacement of turf with hard surfacing material on various side and centre boulevards primarily on Regional Streets whose edges have been damaged over winter months by winter chemical de-icers and abrasives and in high-use pedestrian areas.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Reforestation - Improvements**

Centre No: 5102010201
Program: Image

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Protect and Enhance Urban Forests (5E-03)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	500	800	383	457	500	850	2,990	3,490
Financed by:									
Equity In Capital Assets Fund		500	800	383	457	500	850	2,990	3,490

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	450	770	425	449	496	815	85	3,490
Financed by:								
Equity In Capital Assets Fund	450	770	425	449	496	815	85	3,490

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	27	46	26
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	16	74	143
SURPLUS/(DEFICIT)	11	(28)	(117)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Reforestation program includes tree replacement and tree pruning along City boulevards and in Park sites as a result of loss to Dutch Elm Disease, snow clearing, vandalism, car accidents, etc.

No amounts have been included in the "Prevous Budgets" due to this program's on-going nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Athletic Fields - Phased Progression**

Centre No: 51yy0302xx
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Government, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	262	168	-	616	-	1,046	1,046
Financed by:									
Equity In Capital Assets Fund			262	168		616		1,046	1,046

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	223	182	25	524	92	-	1,046
Financed by:								
Equity In Capital Assets Fund		223	182	25	524	92		1,046

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		13	11
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	31
SURPLUS/(DEFICIT)	-	5	(20)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Athletic field improvement in areas requiring grading, sodding, seeding, irrigation and/or drainage upgrades, installation of new back-stop/goal post and other related park works as required on a site-by-site basis.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Athletic Fields - Improvements**

Centre No: 51yy0402xx
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Envrionment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	100	198	695	-	-	993	993
Financed by:									
Equity In Capital Assets Fund			100	198	695			993	993

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	85	183	621	104	-	-	993
Financed by:								
Equity In Capital Assets Fund		85	183	621	104			993

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		5	11
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		3	16
SURPLUS/(DEFICIT)	-	2	(5)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The addition of various structures and field improvements to upgrade the athletic field to minimum requirements.

The upgrading of athletic fields by the installation of new structures and landscaping to meet minimum athletic field requireemets to satisfy public expectations.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Athletic Fields - Improvements - Cont'd.

Allocated to:	2002	2003	2004	2005	2006	2007	Total
John Blumberg - Soccer				70			70
Grant Park Athletic Grounds				30			30
Harold Hatcher - Baseball		45	60				105
Crocus Park - Baseball		40	30				70
Shamrock Park - Soccer			30				30
Ecole Jolie School/Park - Baseball		15	15				30
McKittrick Park - Baseball			25				25
Silver Heights Community Centre			25				25
Weston Community Centre			13	25			38
Burton Cummings Community Centre				25			25
Pioneer Arena				25			25
Northwood Community Centre				25			25
Dr. Jim Shaver Memorial Park				50			50
St. Vital Memorial Park E. - Soccer				50			50
Vincent Massey - Soccer				50			50
Gateway Community Centre				50			50
Clifton Community Centre				50			50
Athletic Field Upgrading - Various				75			75
Woodsworth Park - Baseball				50			50
Anderson Park Irrigation				50			50
Roland Mitchner Fencing & Drainage				70			70
	-	100	198	695	-	-	993

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Parks - Phased Progression**

Centre No.: 51yy0502xx
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,671	495	273	150	-	2,589	2,589
Financed by:									
Equity In Capital Assets Fund			1,671	495	273	150		2,589	2,589

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	1,420	672	306	169	22	-	2,589
Financed by:								
Equity In Capital Assets Fund		1,420	672	306	169	22		2,589

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		85	40
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		53	175
SURPLUS/(DEFICIT)	-	32	(135)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrading of parks which includes accessibility, tree planting, park furniture, walkways, playground equipment, lighting and related landscaping to meet minimum Park requirements to satisfy public expectations.

Parks - Phased Progression - Cont'd.

Allocated to:	2002	2003	2004	2005	2006	2007	Total
Arthur Wright/Duval Park		135					135
King's Park		107					107
Whittier Park		193					193
Sturgeon Creek Park		125					125
Kinver Park		125					125
Amanda Crescent Park		82					82
Dunham Park		46					46
Egesz Park		20					20
Simkin Park		74					74
Fairgrove Park		40					40
Tyndall Park		50					50
Tuxedo West Park		40					40
Morley R. Kare Park		121					121
Gateway Park				73			73
Robson/Atwood Park		220					220
Tanya Crescent Park		156					156
Parks Development - Various				200	150		350
Marj Edey Park		137					137
St. Vital Playground			125				125
John Forsyth Park			100				100
Kilcona Park			200				200
Adsum Park			70				70
	-	1,671	495	273	150	-	2,589

Project Name: **Parks - Improvements**

Centre No 5102060201
Program Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	323	260	294	300	200	1,700	2,754	3,077
Financed by:									
Equity In Capital Assets Fund		323	260	294	300	200	1,700	2,754	3,077

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	275	269	289	299	215	1,475	255	3,077
Financed by:								
Equity In Capital Assets Fund	275	269	289	299	215	1,475	255	3,077

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	17	16	17
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	10	38	67
SURPLUS/(DEFICIT)	7	(22)	(50)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Improvements to parks to provide a more functionally and aesthetically pleasing open space environment for neighbourhood residents. May include replacement of park benches, picnic tables, barbeques, fencing, tree shrubs, and pathways as required on a City-wide, site by site basis.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Allocated to :	2002	2003	2004	2005	2006	2007	Total
Assiniboine Park Playground Upgrade	173						173
Pathway/Walkway/Repairs Imp. (King's/Kildonan/Assiniboine Park)	150						150
Park & Playground Renov. - City Wide		260		300			560
Picnic Shelter/Washroom Renovation (Expansion & Additions In Reg. Parks)			173				173
King's Park Pathway - Relocation			121				121
Unallocated					200		200
Kildonan Park - Peguis Pavillion Upgrading						1,700	1,700
	323	260	294	300	200	1,700	3,077

Project Name: **Playground Upgrades**

Centre No.: 5102070201
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	250	250	250
Financed by:									
Equity In Capital Assets Fund							250	250	250

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	175	75	250
Financed by:								
Equity In Capital Assets Fund						175	75	250

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrading of playground equipment at various locations.

Project Name: **Pathway/Roadway/Tennis Court Upgrading**

Centre No: 5102080201
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	150	150	150
Financed by:									
Equity In Capital Assets Fund							150	150	150

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	127	23	150
Financed by:								
Equity In Capital Assets Fund						127	23	150

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrading of pathways, roadways and tennis courts at various parks locations.

Project Name: **Community Centres - Refurbishing & Improvements**

Centre No: 5102010301
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	220	411	1,150	400	350	350	350	2,600	3,011
Financed by:									
Equity In Capital Assets Fund		411	1,150	400	350	350	350	2,600	3,011

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	349	1,040	512	358	350	350	52	3,011
Financed by:								
Equity In Capital Assets Fund	349	1,040	512	358	350	350	52	3,011

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	21	62	31
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	74	164
SURPLUS/(DEFICIT)	9	(12)	(133)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and/or replacement of building components and systems to meet safety and health concerns and correct deteriorations of the Infrastructure.

Project Name: **Building Refurbishing/Improvements - Arenas**

Centre No: 5102020301
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	450	450	670	175	325	325	1,945	2,395
Financed by:									
Equity In Capital Assets Fund		450	450	670	175	325	325	1,945	2,395

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	383	450	637	249	302	325	49	2,395
Financed by:								
Equity In Capital Assets Fund	383	450	637	249	302	325	49	2,395

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	23	27	38
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	13	55	110
SURPLUS/(DEFICIT)	10	(28)	(72)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and/or improvements to various indoor arenas including ice plant component replacement, ice resurfacer, interior improvements, heating, ventilation and electrical improvements, replacements of rink components,building envelop and structural improvements.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **Building Refurbishing/Improvements - Indoor Aquatic Facilities**

Centre No: 5102030301
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	663	753	845	1,270	350	1,200	1,200	4,865	5,618
Financed by:									
Equity In Capital Assets Fund		753	845	1,270	350	1,200	1,200	4,865	5,618

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	640	831	1,207	488	1,072	1,200	180	5,618
Financed by:								
Equity In Capital Assets Fund	640	831	1,207	488	1,072	1,200	180	5,618

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	38	50	72
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	22	95	198
SURPLUS/(DEFICIT)	16	(45)	(126)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and replacement of deteriorated building components to selected aquatic facilities due to air barrier failure and/or a general provision for refurbishing/improvements.

Allocated to :

	2002	2003	2004	2005	2006	2007	Total
Air Barrier/Building Envelope		155	600		600	600	1,955
Building Refurbishing	278	690	670	350	600	600	3,188
Pan Am - Sprinkler System	475						475
	753	845	1,270	350	1,200	1,200	5,618

Project Name: **Building Refurbishing/Improvements - Outdoor Aquatic Facilities**

Centre No 51yy04o301
Program Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	150	-	195	195	250	790	790
Financed by:									
Equity In Capital Assets Fund			150		195	195	250	790	790

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	128	22	166	195	241	38	790
Financed by:								
Equity In Capital Assets Fund		128	22	166	195	241	38	790

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		8	1
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		5	14
SURPLUS/(DEFICIT)	-	3	(13)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishing/improvements to various outdoor facilities including wading pool basins, slide components, outdoor swimming pool tanks, mechanical system and pool decks.

Project Name: **Building Refurbishing/Improvements - Community Facilities**

Centre No.: 51yy0503xx
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Images, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	400	480	200	200	200	1,480	1,480
Financed by:									
Equity In Capital Assets Fund			400	480	200	200	200	1,480	1,480

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	340	468	242	200	200	30	1,480
Financed by:								
Equity In Capital Assets Fund		340	468	242	200	200	30	1,480

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		20	28
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		13	54
SURPLUS/(DEFICIT)	-	7	(26)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and/or replacement of building components and systems to meet safety and health concerns and correct deterioration of infrastructure.

No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **A/C Plant Refurbishing - Ozone Depletion Act Compliance**

Centre No: 51yy0603xx
Program: Physical Asset Stewardship

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Address Water, Air and Noise Pollution (5A-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	200	200	200	600	600
Financed by:									
Equity In Capital Assets Fund					200	200	200	600	600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	170	200	200	30	600
Financed by:								
Equity In Capital Assets Fund				170	200	200	30	600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrade of various recreation facilities which presently use halogen, and those facilities which contravene the Ozone Depletion Act.

Replacement of freon refrigerants and any associated equipment involved in the change over at various Indoor Arenas and Leisure/Recreation Centres.

Project Name: **Fire/Life Safety Replacement/Asbestos Removal**

Centre No: 51yy0703xx
Program: Physical Asset Stewardship

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Address Water, Air and Noise Pollution (5A-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	225	225	225	675	675
Financed by:									
Equity In Capital Assets Fund					225	225	225	675	675

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	191	225	225	34	675
Financed by:								
Equity In Capital Assets Fund				191	225	225	34	675

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrading - Replacement of Fire Safety Systems, Emergency Lighting, and Asbestos Abatement where required, to meet the requirements of Fire/Building Codes and possible changing Government regulations. The maintenance of various recreation facilities including indoor pools, arenas, community centres and leisure centres.

Project Name: **Energy Conservation Initiatives**

Centre No 51yy0803xx
Program Physical Asset Stewardship

Capital Priority Rating 1 - 4
Plan Winnipeg Indicator Environment, Image, and Amenities - Encourage Energy Efficiency (5A-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	125	125	125	375	375
Financed by:									
Equity In Capital Assets Fund					125	125	125	375	375

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	106	125	125	19	375
Financed by:								
Equity In Capital Assets Fund				106	125	125	19	375

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Energy conservation initiatives at various Recreation Facilities including Indoor Pools, Arenas, Community Centres, and Leisure Centres to improve energy efficiency, to lower utility operating costs and decrease emissions.

Implementation phase of Energy Management Plan, to improve energy efficiency, to lower utility operating costs and decrease emissions.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Community Incentive Grant**

Centre No: 6202010101
Program: Amenities

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Downtown and Neighbourhoods - Support Neighbourhood Revitalization (1B-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	1,393	1,393	1,393	1,393	1,393	1,393	6,965	8,358
Financed by:									
Equity In Capital Assets Fund		1,393	1,393	1,393	1,393	1,393	1,393	6,965	8,358

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	418	975	1,254	1,393	1,393	1,393	1,532	8,358
Financed by:								
Equity In Capital Assets Fund	418	975	1,254	1,393	1,393	1,393	1,532	8,358

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	12	29	38
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	17	87	209
SURPLUS/(DEFICIT)	(5)	(58)	(171)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Community Incentive Grant Program of the City of Winnipeg is designed to encourage organizations to undertake community recreation and to support capital projects which will result in long term benefits to the Community at large in terms of improved facilities. Criteria were adopted by Council on May 25, 1994.

No amounts have been included in the "Previous Budget" due to this project's on-going nature.

Project Name: **Assiniboine Park Amenities Development**

Centre No 6202030101
Program Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Support Unique Attractions (5D-03)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	100	-	950	1,000	500	600	3,050	3,150
Financed by:									
Equity In Capital Assets Fund		100		950	1,000	500	600	3,050	3,150

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	100	-	950	1,000	500	600	-	3,150
Financed by:								
Equity In Capital Assets Fund	100		950	1,000	500	600		3,150

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	3		29
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	10	47
SURPLUS/(DEFICIT)	(1)	(10)	(18)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

	2002	2003	2004	2005	2006	2007
To prepare detailed plans for specific projects identified in an overall concept plan for the Zoo	100					
Construction of new 15,000 sq. ft. Zoo Staff/ Office centre			950	1,000		
Exhibit development related to Zoo Master Plan					500	600
	100		950	1,000	500	600

No amounts have been included in the "Previous Budget" due to this project's on-going nature.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Assiniboine Park Amenities Improvements**

Centre No.: 6202030201
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Support Unique Attractions (5D-03)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	270	545	100	605	-	642	1,892	2,162
Financed by									
Equity In Capital Assets Fund	200	270	545	100	605		642	1,892	2,162

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	270	545	100	605	-	642	-	2,162
Financed by:								
Equity In Capital Assets Fund	270	545	100	605		642		2,162

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	8	16	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	47	88
SURPLUS/(DEFICIT)	(1)	(31)	(85)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Various Assiniboine Park Zoo, Conservatory and Park infrastructure improvements and repairs, including pathway and roadway improvements and repairs, existing support infrastructure improvements and repairs, and facility repairs and refurbishment.

	2002	2003	2004	2005	2006	2007
Roadway and walkway repairs				292		
Zoo Building improvements	110					
Miscellaneous Zoo improvements				213		
Major repairs to Tropical House		216				
Zoo Roof Replacement Program	160					
Zoo Infrastructure improvements				100		
Zoo Energy conservation program - conversion to gas			100			
Various infrastructure improvements *		329				642
	270	545	100	605	-	642

*First priority for these funds shall be for refurbishment/replacement of office, staff, and related space at Assiniboine Park Conservatory.

No amounts have been included in the "Previous Budget" due to this project's on-going nature.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Computer Acquisition - Upgrade Reorganization and Customer Service**

Centre No.: 6202040101
Program: Information Stewardship

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Government and the Economy - Support Provision of Information Technology Infrastructure (2C-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	100	100	-	-	-	-	100	200
Financed by:									
Equity In Capital Assets Fund		100	100					100	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	100	100	-	-	-	-	-	200
Financed by:								
Equity In Capital Assets Fund	100	100						200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	3	3	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	14	21
SURPLUS/(DEFICIT)	(1)	(11)	(21)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is required to continue establishing the departmental computer technology base, provide the capability to distribute and share information across divisions and participate in corporate information initiatives such as the Inter/Intranet Working Group, Document Management and Workflow and other interdepartmental partnerships. The Community Services Department expects to improve on its productivity and customer service through the implementation of planned new information systems.

No amounts have been included in the "Previous Budget" due to this project's on-going nature.

Project Name: **Library Replacements - Various**

Centre No.: 62yy0201xx
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide High-Quality Library Services (4D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	-	850	811	360	2,021	2,021
Financed by:									
Equity In Capital Assets Fund					850	811	360	2,021	2,021

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	400	1,261	360	-	2,021
Financed by:								
Equity In Capital Assets Fund				400	1,261	360		2,021

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is required for the replacement of the aging library infrastructure. The funds are necessary to build and furnish modern, accessible libraries that are able to accommodate technological changes and other amenities in today's library setting.

No amounts have been included in the "Previous Budget" due to this project's on-going nature.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Millennium Library**

Centre No: 6202020601
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide High-Quality Library Services (4D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,400	7,600	8,000	-	-	-	15,600	17,000
Financed by:									
Equity In Capital Assets Fund		1,000	1,000	1,000				2,000	3,000
Library Technology Reserve		400	600					600	1,000
Winnipeg Library Foundation			3,000	4,000				7,000	7,000
Canada/Manitoba Infrastructure Program			3,000	3,000				6,000	6,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	1,400	7,600	8,000	-	-	-	-	17,000
Financed by:								
Equity In Capital Assets Fund	1,000	1,000	1,000					3,000
Library Technology Reserve	400	600						1,000
Winnipeg Library Foundation		3,000	4,000					7,000
Canada/Manitoba Infrastructure Program		3,000	3,000					6,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	30	30	30
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	35	138	244
SURPLUS/(DEFICIT)	(5)	(108)	(214)

Beginning in 2005, net operating costs are anticipated to increase by $1 million.

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To provide for an expansion and renovation of approximately 37,000 sq. ft. of the existing Centennial Library. This project is required to address library infrastructure problems, and permit service delivery changes and technological improvements. All three levels of government are contributing to this project as well as private sector funding through the Winnipeg Library Foundation.

Project Name: **St. James Centennial Pool Multi-Use Expansion**

Centre No: 6202050101
Program: Physical Asset Stewardship

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Provide Leisure Facilities (5D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	3,030	-	-	-	-	-	-	3,030
Financed by:									
Equity In Capital Assets Fund		1,030						-	1,030
Canada/Manitoba Infrastructure Program		2,000						-	2,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	3,030	-	-	-	-	-	-	3,030
Financed by:								
Equity In Capital Assets Fund	1,030							1,030
Canada/Manitoba Infrastructure Program	2,000							2,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	30	150	175
Less:			
Operating expenditures increase/(decrease)		318	423
Debt and finance charges increase	35	100	100
SURPLUS/(DEFICIT)	(5)	(268)	(348)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This inter-generational project will consist of the construction of a multi-purpose Indoor Track/Fitness addition (approx. 24,000 sq. ft.), a new front entrance to the facility and associated circulation links, renovation of the existing entrance and indoor pool change areas, and modifications to the parking lot and site circulation.

Project Name: **Security Systems - Various Branches**

Centre No 62yy0202xx
Program Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide High-Quality Library Services (4D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	129	129	129
Financed by:									
Equity In Capital Assets Fund							129	129	129

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	129	-	129
Financed by:								
Equity In Capital Assets Fund						129		129

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is required to ensure that security systems are in place and upgraded to protect library materials.

Project Name: **Community Computer Access Program**

Centre No.: 6202020301
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide High-Quality Library Services (4D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	425	280	280	-	-	-	560	985
Financed by:									
Equity In Capital Assets Fund		425	280	280				560	985

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	425	280	280	-	-	-	-	985
Financed by:								
Equity In Capital Assets Fund	425	280	280					985

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	13	8	8
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	15	53	83
SURPLUS/(DEFICIT)	(2)	(45)	(75)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is necessary to increase equitable public access to the Internet and other on-line resources to meet the changing needs of the library users.

No amounts have been included in the "Previous Budget" due to this project's on-going nature.

Project Name: **Library Furniture Replacement Program**

Centre No.: 62yy0205xx
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide High-Quality Library Services (4D-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	200	200	200
Financed by:									
Equity In Capital Assets Fund							200	200	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	200	-	200
Financed by:								
Equity In Capital Assets Fund						200		200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is necessary to replace/upgrade the existing library furniture (eg. Wooden shelving, inaccessible workstations) in various branch libraries. The Library Services Division needs to replace aging furniture with modern library furniture in order to reduce potential safety hazards, and improve public accessibility in branches.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Integrated Property Based Information Systems**

Centre No.: 62yy0402xx
Program: Information Stewardship

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Government and the Economy - Support Provision of Information Technology Infrastructure (2C-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	-	250	-	250	-	-	500	500
Financed by:									
Equity In Capital Assets Fund			250		250			500	500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	250	-	250	-	-	-	500
Financed by:								
Equity In Capital Assets Fund		250		250				500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)		8	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		9	26
SURPLUS/(DEFICIT)	-	(1)	(26)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project seeks to provide information critical to policy initiatives such as the Housing Policy and the City's integrated "property orders" information system for tracking property, building, land use, fire, health and other critical information.

This project expands upon the partnership established between Community Services and Planning, Property and Development in the use of Amanda (BUILD) and other technologies including Geographic Information Systems and Web-based technologies. This partnership will include Public Works through its customer information - request for service system.

a) Automation of Environmental Health Inspection and Reporting Systems - This part of the project entails delivery of a complete Public Health Inspections Information system. The objective is to capitalize on the workflow improvements possible under the Amanda (BUILD) and License+ systems already in use within the Community Services Department's License Branch and Planning, Property and Development's permit and inspection systems.

b) Community Resource Area (CRA) data model and application development - This part of the project will create and implement a Community Resource database The project will integrate community-related information from City departments such as Property Assessment, Community Services, Fire Paramedic Services, Police Services, Planning, Property and Development and Public Works. External linkages to data from the Province of Manitoba, the Government of Canada and other agencies are also included in this project. The database will be comprised of community-related information linked to the City's property databases.

Outcomes from this project include: a fully-defined data model that links to internal civic and external data sources and a governance structure to manage partnership opportunities (information development and sharing) with other governments and community agencies, citizen access to community information, and sharing of the social, economic and other statistical indicators necessary to support service targeting at the community and neighbourhood levels. The project will acquire the necessary hardware and software to achieve this implementation.

Project Name: **Customer Information/Registration and Booking System**

Centre No: 62yy0403xx
Program: Information Stewardship

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Government and the Economy - Support Provision of Information Technology Infrastructure (2C-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	350	350	350
Financed by:									
Equity In Capital Assets Fund							350	350	350

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	175	175	350
Financed by:								
Equity In Capital Assets Fund						175	175	350

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To replace DOS-based arena booking system and automate aquatic bookings, as well as replace existing program registration system to facilitate move to e-commerce and improve efficiency of recreation and aquatic booking/registration processes.

Project Name: **Renovations - 5th Floor Public Safety Building**

Centre No.: 56yy0101xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municiple Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	500	-	-	500	500
Financed by:									
Equity In Capital Assets Fund					500			500	500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	178	322	-	-	500
Financed by:								
Equity In Capital Assets Fund				176	322			500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Police Service Administrative offices no longer service the needs of Executive members and staff due to the organizational changes that have taken place. Some offices are too small to be functional and other areas contain much wasted space. This project will address these concerns. Expected life is 20 years.

POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Automated Fingerprint Identification System (AFIS) Palm Print Upgrade**

Centre No 56yy0104xx
Program Public Safety

Capital Priority Rating 3 - 2
Plan Winnipeg Indicator Government and the Economy - Meet High Standards of Service Delivery (2B-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	250	-	250	250
Financed by:									
Equity In Capital Assets Fund						250		250	250

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	250	-	-	250
Financed by:								
Equity in Capital Assets Fund					250			250

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is an enhancement to the existing AFIS which will enable efficient identification of suspects through latent palm prints lifted from scenes of crimes. Approximately 20% of latent impressions are palm prints. Match searches are now done manually. This process is time consuming and inefficient. Expected life span is 10 years.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Replacement of Station No. 12**

Centre No: 57yy0101xx
Program: Safety

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide Emergency Response Services (4A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	1,600	-	1,600	1,600
Financed by:									
Equity In Capital Assets Fund						1,600		1,600	1,600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	400	1,200	-	1,600
Financed by:								
Equity In Capital Assets Fund					400	1,200		1,600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The creation of Station # 27 in the Department of National Defense - Kapyong Barracks area addresses the problem of service to the expanded Tuxedo area and response west to provide support to the Charleswood area that was the responsibility of Station #12. However the existing Station #12 still has problems with the ability to meet the functional requirement of housing the staff and apparatus and has difficulties with response capabilities due to its location in the midst of a residential area. Moving this station to a new location in the Maryland & Westminister area provides continued coverage of Station #12 primary response area plus enhances capabilities into the central portion of the City.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Fire Protection Upgrade for 3 Storey Fire Stations**

Centre No: 57yy0101xx
Program: Safety

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide Emergency Response Services (4A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	263	-	-	-	-	263	263
Financed by:									
Equity In Capital Assets Fund			263					263	263

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	263	-	-	-	-	-	263
Financed by:								
Equity In Capital Assets Fund		263						263

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		3	3
SURPLUS/(DEFICIT)	-	(3)	(3)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The upgrade will provide life safety systems for existing 3 storey fire stations. There are two locations that are a priority - Station #3 (Goulet and Des Meurons) and Station #15 (Cottonwood and Autumnwood). These are 3 storey structures with a greater risk potential. Station #15 has no second egress and addressing flame-spread potential is considered is considered a first priority

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Watermain Extension for Fire Fighting Training**

Centre No.: 57yy0202xx
Program: Safety

Capital Priority Rating: 3 - 5
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide Emergency Response Services (4A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	399	-	-	-	-	399	399
Financed by:									
Equity In Capital Assets Fund			399					399	399

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	399	-	-	-	-	-	399
Financed by:								
Equity In Capital Assets Fund		399						399

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		4	4
SURPLUS/(DEFICIT)	-	(4)	(4)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The water supply requirement for fire apparatus is a 10" watermain. The size of main is necessary for proper training simulations and evaluation of fire apparatus. At present no watermain of this size is available at the Training Academy. An extension of a watermain from the east side of McPhillips for a distance of 690 metres would address this issue.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Burn Building Improvements**

Centre No: 57yy0202xx
Program: Safety

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide Emergency Response Services (4A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	441	-	-	441	441
Financed by:									
Equity In Capital Assets Fund					441			441	441

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	441	-	-	-	441
Financed by:								
Equity In Capital Assets Fund				441				441

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Burn Building fire and smoke simulation units are required to maximize training opportunities and utililize the facility to its fullest capacity. Continued interest from outside agencies for training opportunities at the Fire Paramedic Service (FPS) facility and departmental training needs require that this facility be maintained at state-of-the-art readiness to replicate fire ground situations.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Replacement of Station No. 21 - 730 Pandora Avenue**

Centre No.: 57yy0101xx
Program: Safety

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide Emergency Response Services (4A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,579	-	-	1,579	1,579
Financed by:									
Equity In Capital Assets Fund					1,579			1,579	1,579

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	300	1,279	-	-	1,579
Financed by:								
Equity In Capital Assets Fund				300	1,279			1,579

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Capital Estimates for 2001 to 2006 submitted in 2001 called for a merger of Stations #9 and #21. Fire Paramedic Service (FPS) has developed new station deployment patterns which now call for the retention of Station #9 and a relocated Station #21 to a new site in the Peguis & Regent area. This project provides for the land acquisition and building costs associated with the new station.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Land Acquisition - Station No. 18**

Centre No: 57yy0101xx
Program: Safety

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide Emergency Response Services (4A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	279	-	-	-	-	279	279
Financed by:									
Equity In Capital Assets Fund			279					279	279

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	279	-	-	-	-	-	279
Financed by:								
Equity In Capital Assets Fund		279						279

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		3	3
SURPLUS/(DEFICIT)	-	(3)	(3)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Station #18 (5000 Roblin Boulevard) occupies a small portion of land and is scheduled for replacement in 2009. In order to facilitate the replacement of this station at the same site, additional land must be acquired adjacent to the existing station. This project reallocates funding originally earmarked for the Fire Information Network to this acquisition. Fire Information Network costs are being absorbed in departmental current operating budgets.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Replacement of Station No. 27**

Centre No.: 57yy0101xx
Program: Safety

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Public Safety, Health, and Education - Provide Emergency Response Services (4A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,200	1,200	1,200
Financed by:									
Equity In Capital Assets Fund							1,200	1,200	1,200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	400	800	1,200
Financed by:								
Equity In Capital Assets Fund						400	800	1,200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The creation of Station #27 in rented premises addresses the short term needs of the department for a site in this area. However, the accommodations occupied were viewed as an interim measure until a new station could be built. This project provides for the construction of that station.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **General Building Renovation and Refurbishing**

Centre No: 6302010201
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	400	300	300	500	500	500	2,100	2,500
Financed by:									
Equity In Capital Assets Fund		400	300	300	500	500	500	2,100	2,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	400	300	300	500	1,000	-	2,500
Financed by:								
Equity In Capital Assets Fund		400	300	300	500	1,000		2,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		30	55
SURPLUS/(DEFICIT)	-	(30)	(55)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an ongoing program to fund small corporate moves and minor interior renovations and other miscellaneous projects for which no other separate financing is available. Fundamental to productivity gain: for corporate renovations, moves etc. which facilitates client changes/activities.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Civic Buildings - Barrier Free Access**

Centre No.: 6302010202
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 2+2
Plan Winnipeg Indicator: Public Safety, Health and Education - Integrate Safety into Overall Planning and Urban Development (4B-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	206	-	104	-	150	250	504	710
Financed by:									
Equity In Capital Assets Fund		206		104		150	250	504	710

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	206	104	-	150	250	-	710
Financed by:								
Equity In Capital Assets Fund		206	104		150	250		710

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		15	24
SURPLUS/(DEFICIT)	-	(15)	(24)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To improve accessibility by disabled persons to existing City-owned buildings and in so doing meet the legislated standards with respect to barrier free access. Work varies between wheelchair ramps and elevators. Legally required: Building Code requirements.

No amounts have been included in the "Previous Budgets" due to this project's ongoing nature.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Removal of Asbestos**

Centre No.: 6302010203
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Public Safety, Health and Education - Promote Safety in Buildings (4B-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	168	-	168	-	200	100	468	636
Financed by:									
Equity In Capital Assets Fund		168		168		200	100	468	636

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	84	84	168	-	200	100	-	636
Financed by:								
Equity In Capital Assets Fund	84	84	168		200	100		636

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	6	12	26
SURPLUS/(DEFICIT)	(6)	(12)	(26)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Removal of asbestos in civic buildings: This is a regulatory requirement during renovations. It is a legislated ruling on the removal of hazardous material from existing facilities. An inventory of asbestos within City buildings has been completed with work prioritized to undertake work when other building renovations are planned or due to some other physical disturbance of asbestos covered building components. This money is also to be used to remove mould during building renovations, which often is identified at the same time as the asbestos.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Administration Building Alterations**

Centre No.: 63yy0102xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	200	200	-	-	-	400	400
Financed by:									
Equity In Capital Assets Fund			200	200				400	400

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	400	-	-	-	-	400
Financed by:								
Equity In Capital Assets Fund			400					400

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			31
SURPLUS/(DEFICIT)	-	-	(31)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

These budgeted funds are for the renovation of the second floor meeting rooms at 510 Main Street in order to improve their functionality, and upgrade to Universal Design Standards to provide better accessiblity.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **510 Main Street Elevator Controls**

Centre No: 6302010204
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 2+2
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	390	-	-	-	-	-	-	390
Financed by:									
Equity In Capital Assets Fund		390						-	390

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	390	-	-	-	-	-	-	390
Financed by:								
Equity In Capital Assets Fund	390							390

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	27	27	29
SURPLUS/(DEFICIT)	(27)	(27)	(29)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The original controls for the three elevators in 510 Main Street are at the end of their anticipated life and require replacement. This will also provide for faster handicapped operable elevators. Essential: Original equipment requires upgrading.

Project Name: **Roof Replacement**

Centre No.: 63yy0103xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	250	250	250
Financed by:									
Equity In Capital Assets Fund							250	250	250

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	250	-	250
Financed by:								
Equity In Capital Assets Fund						250		250

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The roofs on many of the Buildings in the Civic Accommodations portfolio are nearing or beyond the end of their useful life. Ongoing maintenance costs for these roofs are continuing to rise. Current budgets do not provide adequate funding for the replacement of roofs. Replacement of roofs will also provide an opportunity to upgrade roof insulation which will result in energy savings.

Project Name: **Fire Safety Upgrading - Various Locations**

Centre No: 6302010205
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	400	-	-	200	200	800	900
Financed by:									
Equity In Capital Assets Fund		100	400			200	200	800	900

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	100	400	-	200	200	-	900
Financed by:								
Equity In Capital Assets Fund		100	400		200	200		900

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	40
SURPLUS/(DEFICIT)	-	(8)	(40)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The present fire safety controls in buildings are aging and require upgrading to current standards. Legally required/essential: code and life safety requirements.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Central Yard Relocation**

Centre No.: 63yy0104xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 4+2
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	13,473	-	1,382	1,600	500	-	-	3,482	3,482
Financed by:									
Equity In Capital Assets Fund			1,382	1,600	500			3,482	3,482

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	1,382	1,600	500	-	-	-	3,482
Financed by:								
Equity In Capital Assets Fund		1,382	1,600	500				3,482

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		104	236
SURPLUS/(DEFICIT)	-	(104)	(236)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project was initiated as a result of locating the Federal Virology Laboratory on the former Central Yard site at Logan and Tecumseh. Arising out of undertakings associated with this Agreement to relocate certain civic facilities, the New Directions initiative, and the more recent Public Works Department reorganization. On March 21, 2001, Council authorized the Planning, Property and Development Department to proceed with the Public Works/Water and Waste Facilities Master Plan.

These funds will be used to consolidate staff to fewer locations. The Public Works Department will consolidate at Pacific Avenue and a new East Yard Complex, while the Water and Waste Department will consolidate at their Plinguet Avenue complex.

Essential/fundamental to productivity gain: improved operations for occupants.

Project Name: **Public Safety Building - Exterior Cladding**

Centre No: 6302010206
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	550	3,000	1,500	1,000	-	-	5,500	6,050
Financed by:									
Equity In Capital Assets Fund		550	3,000	1,500	1,000			5,500	6,050

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	550	4,500	1,000	-	-	-	6,050
Financed by:								
Equity In Capital Assets Fund		550	4,500	1,000				6,050

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		41	393
SURPLUS/(DEFICIT)	-	(41)	(393)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Existing limestone cladding is deteriorating to the extent that a major structural repair is required.
Essential: Structural repairs.

Project Name: **Cooling Plant Refurbishing**

Centre No: 6302010207
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 4+2
Plan Winnipeg Indicator: Ensuring Responsible Government - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	300	850	-	-	-	150	1,000	1,300
Financed by									
Equity In Capital Assets Fund		300	850				150	1,000	1,300

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	300	-	850	-	-	150	-	1,300
Financed by:								
Equity In Capital Assets Fund	300		850			150		1,300

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	21	21	89
SURPLUS/(DEFICIT)	(21)	(21)	(89)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On-going requirement for the refurbishing of existing cooling plants to meet regulations for the elimination of ozone depleting substances. Legislation requiring the elimination of hazardous materials (CFC refrigerant) comes into effect in 2000. The bulk of the work will be done at 510 Main, 151 Princess, and 251 Donald.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Energy Conservation**

Centre No: 63yy0106xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Encourage Energy Efficiency (5A-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	225	200	200	200	825	825
Financed by:									
Equity In Capital Assets Fund				225	200	200	200	825	825

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	225	200	200	200	-	825
Financed by:								
Equity In Capital Assets Fund			225	200	200	200		825

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			17
SURPLUS/(DEFICIT)	-	-	(17)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is part of continuing initiative to reduce energy consumption. The primary focus is on the replacement of existing inefficient lighting systems in office buildings.
Essential: optimizes operational savings.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Restoration of Entrance Gates**

Centre No.: 63yy0107xx
Program: Physical Asset Stewardship

Capital Priority Rating: 1 - 3+1
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	200	200	200
Financed by:									
Equity In Capital Assets Fund							200	200	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	200		200
Financed by:								
Equity In Capital Assets Fund						200		200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Restoration of entrance gates, some of which have historic significance and are located at the entry points to various neighbourhoods.
Standard: Sensitive/visible, commitment to community development.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Civic Centre Carpark Tunnel**

Centre No.: 63yy0102xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	200	200	200
Financed by:									
Equity In Capital Assets Fund							200	200	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	200	-	200
Financed by:								
Equity In Capital Assets Fund						200		200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Structural repairs, waterproofing and restoration to the underground tunnel between the Car Park and the Civic Centre are required. These costs of construction are estimated at $1,000,000, however these have been deferred beyond the 2007 timeframe. The estimate contained for 2007 provides for the associated engineering costs only.

Essential: Structural Repairs.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Tenant Improvement Prepayment - Major Department**

Centre No.: 63yy0105xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	925	-	-	-	600	500	500	1,600	1,600
Financed by:									
Equity In Capital Assets Fund					600	500	500	1,600	1,600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	600	500	500	-	1,600
Financed by:								
Equity In Capital Assets Fund				600	500	500		1,600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds set aside for replacement of depreciated tenant improvements.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Historic Building Stabilization**

Centre No.: 63yy0107xx
Program: Physical asset Stewardship

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Environment, Image, and Amenities - Promote the Adaptive Reuse of Heritage Buildings (5B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	500	-	500	-	-	1,000	1,000
Financed by:									
Equity In Capital Assets Fund			500		500			1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	500	-	500	-	-	-	1,000
Financed by:								
Equity In Capital Assets Fund		500		500				1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		38	41
SURPLUS/(DEFICIT)	-	(38)	(41)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg has a substantial inventory of historic buildings that are steadily deteriorating. This account will provide for structural planning and remediation of further deterioration.

Essential: Structural repairs.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Major Building Heating/Ventilating/Air Conditioning (HVAC) Upgrades**

Centre No.: 63yy0103xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	500	400	900	900
Financed by:									
Equity In Capital Assets Fund						500	400	900	900

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	500	400	-	900
Financed by:								
Equity In Capital Assets Fund					500	400		900

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Heating/Ventilating/Air Conditioning (HVAC) Systems in many of the buildings in the Civic Accommodations portfolio are believed to be nearing the end of their useful life or are not operating to todays regulatory requirements for indoor air quality. Upgrading of the HVAC Systems is also expected to result in significant energy savings. The project will include a study to establish budgets for future HVAC upgrades. The project also includes upgrades for the most serious deficiencies identified in the study.

PLANNING, PROPERTY AND DEVELOPMENT (CIVIC ACCOMMODATIONS) - GENERAL CAPITAL FUND

Project Name: **Building Envelope - Evaluation and Emergency Repair**

Centre No: 63yy0102xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	500	1,000	1,500	1,500
Financed by:									
Equity In Capital Assets Fund						500	1,000	1,500	1,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	500	1,000	-	1,500
Financed by:								
Equity In Capital Assets Fund					500	1,000		1,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Building Envelope problems have been identified in a number of city owned buildings. The problems result in excessive energy costs and potential public safety hazards. There is a requirement to establish the condition of the building envelopes for all buildings within the Civic Accommodations portfolio. The project will include a study to establish budgets for future building envelope retrofits. The project also includes repairs for the most serious problems identified in the study.

Project Name: **510 Main Courtyard Redevelopment**

Centre No.: 6302010208
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3+2
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	760	1,092	-	-	-	-	-	-	1,092
Financed by:									
Equity In Capital Assets Fund		1,092							1,092

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	1,092	-	-	-	-	-	-	1,092
Financed by:								
Equity In Capital Assets Fund	1,092							1,092

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	76	76	82
SURPLUS/(DEFICIT)	(76)	(76)	(82)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Council approved $360,000 for the Courtyard redevelopment in 1998 and $400,000 in 1999 to address minor structural problems, poor drainage, increasing operation and maintenance costs, and aesthetic issues. Upon further review by a Consultant through testing, it was determined that the existing funding is not enough to rectify the problems with the Courtyard. The concrete slab testing and live load investigations revealed that all of the concrete panels in the courtyard are at risk.

PLANNING, PROPERTY AND DEVELOPMENT (TAX-SUPPORTED) - GENERAL CAPITAL FUND

Project Name: **Computer Automation**

Centre No: 63yy0102xx
Program: Information Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	357	-	-	-	200	200	300	700	700
Financed by:									
Equity In Capital Assets Fund					200	200	300	700	700

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	200	200	300	-	700
Financed by:								
Equity In Capital Assets Fund				200	200	300		700

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To provide for the completion of an Office Automation program started in the 1994 Capital program. The emphasis has been on general office automation and network installation, workflow and re-engineering technologies, electronic file and records management and image based systems. Successes to date have concentrated on distribution of vital information through Local and Wide Area Networks and Image and Workflow system installation. New solutions will flow from the adoption of these technologies and will allow the department to provide convenient, efficient and cost effective service.

A general program of system renewal is contemplated for the 2002 Capital Program budget. This program would be the start of an overhaul of the technology, systems, programs, and processes implemented in the early 1990's. This is seen as reasonable and prudent to ensure the continued longevity of the City's investment in Office Automation.

Project Name: **Implementation & Expansion of BUILD**

Centre No.: 6302040101
Program: Information Stewardship

Capital Priority Rating: 3 - 3+1
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	125	100	-	-	-	-	100	225
Financed by:									
Equity In Capital Assets Fund		125	100					100	225

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	125	100	-	-	-	-	-	225
Financed by:								
Equity In Capital Assets Fund	125	100						225

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	17	18
SURPLUS/(DEFICIT)	(9)	(17)	(18)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Building Inspection and Land Development (BUILD) project is based on expansion of the AMANDA software system, used by the City in supporting its property and address based information and processing applications. This budget provision will address the development and implementation of Land Development Application Tracking and Planning Project Tracking System. The system would automate the workflows associated with the approval of development applications and planning projects such as neighborhood improvements. The project includes the integration of GIS, desktop software (e.g. Microsoft Word), interactive voice response and remote inspections. The ability to monitor workflow, eliminate duplicate data entry, provide online processing and sharing of information are some of the benefits of this system. The project will also utilize the Internet for capturing and sharing information with the department's clients and the general public. The automation of Land Development Applications will have an impact on virtually every department in the City of Winnipeg.

This project will also include the delivery of Mapping Services over the Internet.

The creation of a Map Store on the Internet would allow for the realization of additional revenues on the Internet and better customer service. The project would also allow for the use of mapping in the Internet to support internal and external decision-making by utilizing maps as a form of presentation. This would be accomplished through web enabled thematic mapping, property marketing of civic owned lands and analysis of property related data using administrative boundaries such as planning neighborhoods. The project would integrate data from the AMANDA System with other property related data available for reporting purposes.

PLANNING, PROPERTY AND DEVELOPMENT (TAX-SUPPORTED) - GENERAL CAPITAL FUND

Project Name: **Document Imaging & Management with BUILD**

Centre No: 6302040102
Program: Information Stewardship

Capital Priority Rating: 2 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	-	-	-	-	-	-	200
Financed by:									
Equity In Capital Assets Fund		200						-	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Equity In Capital Assets Fund	200							200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	14	14	15
SURPLUS/(DEFICIT)	(14)	(14)	(15)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project is to integrate the functionality of FileNet Suite of products for Imaging and Document Management with the AMANDA Software used for automation of workflow of the department's operational services. The system would allow for the electronic storage and retrieval of property related documents such as building plans, survey documents, letters, permits and external documents. The system would allow for the electronic submission of building and development plans as well eliminate the need for microfilming documents. The system should also show savings in storage and retrieval of property related documents.

Project Name: **Expand Archibus to Integrate with Maximo System**

Centre No 6302040103
Program Information Stewardship

Capital Priority Rating 3 - 3+1
Plan Winnipeg Indicator Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	100	-	-	-	-	100	200
Financed by:									
Equity In Capital Assets Fund		100	100					100	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	100	100	-	-	-	-	-	200
Financed by:								
Equity In Capital Assets Fund	100	100						200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	15	16
SURPLUS/(DEFICIT)	(7)	(15)	(16)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The information and data processing needs of the Civic Accommodations Division require enhancement and the ability to integrate with the existing Archibus system. Archibus is a graphical, architectural based system which provides building specific information on space measurement and utilization. The City's building assets are recorded, maintained and updated on Archibus by the Civic Accommodation Division. This project will examine the linkages with the Maximo system. Maximo, a system under the responsibility of the Public Works Department, provides a means of tracking inputs, outputs and relative costs associated with the maintenance of buildings and assets. This budget request will provide the requisite linkages to reduce duplication of data entry and provide a mechanism for sharing information between departments. The integration of the Archibus system with the Amanda software for workflow and process management will also be examined. The use of the AMANDA software for project tracking and facilities management will be implemented.

Project Name: **Land Acquisition For General Unspecified Purposes**

Centre No: 6302060301
Program: Planned Development

Capital Priority Rating: 3 - 2+2
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	300	-	-	300	-	-	300	600
Financed by:									
Equity In Capital Assets Fund		300			300			300	600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	300	-	-	300	-	-		600
Financed by:								
Equity In Capital Assets Fund	300			300				600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	21	21	23
SURPLUS/(DEFICIT)	(21)	(21)	(23)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

General Provision for the annual acquisition of land for purposes other than regional streets and riverbank property. This provides for the acquisition of properties which are unforeseen at this time.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

PLANNING, PROPERTY AND DEVELOPMENT (TAX-SUPPORTED) - GENERAL CAPITAL FUND

Project Name: **Weather Protected Pedestrian System**

Centre No.: 63yy0604xx
Program: Physical Asset Stewardship

Capital Priority Rating: 1 - 3
Plan Winnipeg Indicator: Downtown and Neighbourhoods - Encourage Accessibility To and Within the Downtown (1A-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,683	-	250	210	-	-	450	910	910
Financed by:									
Equity In Capital Assets Fund			250	210			450	910	910

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	250	210	-	450	-	910
Financed by:								
Equity In Capital Assets Fund			250	210		450		910

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			19
SURPLUS/(DEFICIT)	-	-	(19)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

City share of capital costs of new connections to complete the system of the right-of-way designated by Council (by resolution, October, 1977) from The Bay to Portage and Main Concourse to the Civic Centre. Specific costs and dates of expenditures to be established by negotiation of agreements to be approved by Council.

Note: The increased connections of the walkway system work undertaken based on this authorization, will, in all likelihood generate additional annual maintenance costs. As insufficient data is available respecting the detailed design of specific projects, it is not possible to estimate the magnitude of these costs at the time of capital authorization. The Planning, Property and Development is responsible for maintenance.

Project Name: **Streetscaping**

Centre No.: 63yy0601xx
Program: Physical Asset Stewardship

Capital Priority Rating: 1 - 3
Plan Winnipeg Indicator: Downtown and Neighbourhoods - Celebrate the Downtown's Special Features and Heritage (1A-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	-	-	242	400	642	642
Financed by:									
Equity In Capital Assets Fund						242	400	642	642

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	242	200	200	642
Financed by:								
Equity In Capital Assets Fund					242	200	200	642

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replacement of selected streets and sidewalks within the Exchange District including the provision of ornamental paving stones on a lean-mix concrete base, decorative lighting, tree grates and guards, fences and benches. Excludes cost of work normally assumed by the Public Works Department.

Note: The streetscaping work that will be undertaken based on this authorization, in all likelihood, will generate additional annual maintenance costs for cleaning and snow removal. As insufficient data is available respecting the detailed design of specific projects, it is not possible to estimate the magnitude of these costs at the time of capital authorization. The Public Works Department is responsible for maintenance.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature

Project Name: **Riverbank Stabilization for City-Owned Riverbanks**

Centre No.: 6302030101
Program: Environment

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Environment, Image, and Amenities - Protect Environmentally-Sensitive Lands (5C-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	200	200	200	200	-	200	800	1,000
Financed by:									
Equity In Capital Assets Fund		200	200	200	200		200	800	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	50	550	-	200	200	1,000
Financed by:								
Equity In Capital Assets Fund			50	550		200	200	1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			4
SURPLUS/(DEFICIT)	-	-	(4)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In concert with the establishment of a Riverbank Stabilization Program for City-owned Riverbanks, the initial phase of the program in 1998 provided funds for the implementation of a detailed geotechnical inventory study to characterize, assess, and monitor riverbank stability of all City-owned lands. This will serve as a comprehensive database for purposes of establishing priorities and cost estimates for riverbank stabilization.

Subsequent phases of this program include the implementation of riverbank stabilization works on a priority basis. Stabilization of selective reaches of City-owned river and creek banks (64 miles) will provide protection of public amenities such as parks and trees and valuable public works such as roads, buried services, primary dykes, facilities and structures. This is an on-going program in which the overall implementation cost is estimated at $85 to $100 million.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Riverbank Greenway Programs**

Centre No.: 6302030201
Program: Physical Asset Stewardship

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Environment, Image and Amenities - Promote the Use of Rivers and Riverbanks (5C-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	104	358	-	350	-	350	1,058	1,162
Financed by:									
Equity In Capital Assets Fund		104	358		350		350	1,058	1,162

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	104	358	-	350	-	300	50	1,162
Financed by:								
Equity In Capital Assets Fund	104	358		350		300	50	1,162

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	34	37
SURPLUS/(DEFICIT)	(7)	(34)	(37)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an on-going project, developing the City's Red and Assiniboine riverbanks for the purpose of providing a foundation for the establishment of landscaped bicycle/pedestrian pathways along the river corridors. The annual additional funding to the riverbank greenway/pathway account will provide funds for implementation according to the prioritized river segments adopted by Council as opportunities present themselves and as needs dictate.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

PLANNING, PROPERTY AND DEVELOPMENT (TAX-SUPPORTED) - GENERAL CAPITAL FUND

Project Name: **Land Acquisition - Riverbank**

Centre No.: 63yy0303xx
Program: Environment

Capital Priority Rating: 1 - 2+2
Plan Winnipeg Indicator: Environment, Image, and Amenities - Maintain and Expand the System of Public Parks (5C-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	200	-	300	-	300	800	800
Financed by:									
Equity In Capital Assets Fund			200		300		300	800	800

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	200	-	300	-	300	-	800
Financed by:								
Equity In Capital Assets Fund		200		300		300		800

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		15	16
SURPLUS/(DEFICIT)	-	(15)	(16)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This program is required to accommodate Riverbank access/pathway systems in six key areas:

North Winnipeg
Churchill Drive
Kildonan
St. Boniface
Fort Rouge
Assiniboine

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

PLANNING, PROPERTY AND DEVELOPMENT (TAX-SUPPORTED) - GENERAL CAPITAL FUND

Project Name: **Parks Development - Developer Payback**

Centre No 6302050101
Program Physical Asset Stewardship

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Environment, Image and Amenities - Promote High-Quality Urban Design (5E-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	587	200	-	-	-	-	-	-	200
Financed by:									
Equity In Capital Assets Fund		200						-	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Equity In Capital Assets Fund	200							200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	14	14	15
SURPLUS/(DEFICIT)	(14)	(14)	(15)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Developer reimbursement due when contiguous residential lots reach 80% occupancy.

PLANNING, PROPERTY AND DEVELOPMENT (TAX-SUPPORTED) - GENERAL CAPITAL FUND

Project Name: **Cemeteries - Improvements**

Centre No.: 63yy0602xx
Program: Health

Capital Priority Rating: 1 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	166	501	-	200	200	1,067	1,067
Financed by:									
Equity In Capital Assets Fund			166	501		200	200	1,067	1,067

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	166	501	-	200	200	-	1,067
Financed by:								
Equity In Capital Assets Fund		166	501		200	200		1,067

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		12	52
SURPLUS/(DEFICIT)	-	(12)	(52)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Miscellaneous improvements to Brookside, Transcona and St. Vital Cemeteries including roadway, resurfacing, drainage improvements, tree planting, etc.

PLANNING, PROPERTY AND DEVELOPMENT (TAX-SUPPORTED) - GENERAL CAPITAL FUND

Project Name: **Building Communities**

Centre No: 6302020101
Program: Downtown & Neighbourhoods

Capital Priority Rating: 2 - 4
Plan Winnipeg Indicator: Downtown and Neighbourhoods - Support Neighbourhood Revitalization (1B-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,050	2,700	2,150	3,000	2,400	1,000	1,200	9,750	12,450
Financed by:									
Equity In Capital Assets Fund		1,350	1,075	1,500	1,200	500	600	4,875	6,225
UCPA III		1,350						-	1,350
UCPA IV			1,075	1,500	1,200	500	600	4,875	4,875

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	2,700	2,150	3,000	2,400	1,000	1,200	12,450
Financed by:								
Equity In Capital Assets Fund		1,350	1,075	1,500	1,200	500	600	6,225
UCPA III		1,350						1,350
UCPA IV			1,075	1,500	1,200	500	600	4,875

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		101	192
SURPLUS/(DEFICIT)	-	(101)	(192)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The 'Building Communities' Program is a capital expenditure program that invests in the public infrastructure in Winnipeg's neighbourhoods. The program's goals are to improve living conditions in Winnipeg's older, physically declining neighbourhoods where capital improvements in housing renewal, community facilities, municipal infrastructure and crime prevention initiatives will have lasting, long-term benefits to the neighbourhood and the larger urban community. This Program will be cost-shared on a 50-50 basis with Manitoba Intergovernmental Affairs to a total of $14 million over 5 years.

Timing as to implementation in each neighbourhood will be determined jointly by the City of Winnipeg and Province of Manitoba. The City's share has been approved in the 1997 - 2000 ($3 million) and the 2001 - 2003 ($4 million) Capital Budgets. The Provincial share will be provided under UCPA III.

The original $14 million Building Communities program provides for an investment in six identified communities. To complete the commitments to these first six communities, additional capital funds will be required as funding to the end of 2002 provides for only $10.75 million. The budget estimates beyond 2002 are based on an expectation that a comparable agreement will be renewed with the Province to provide for similar investments in public infrastructure for additional communities in future years.

CORPORATE FINANCE - GENERAL CAPITAL FUND

Project Name: **Connexus**

Centre No: 6402020101
Program: Financial Stewardship

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	12,383	3,645	3,000	1,500	2,500	2,500	-	9,500	13,145
Financed by:									
Equity In Capital Assets Fund		3,645	3,000	1,500	2,500	2,500		9,500	13,145

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	3,645	3,000	1,500	2,500	2,500	-	-	13,145
Financed by:								
Equity In Capital Assets Fund	3,645	3,000	1,500	2,500	2,500			13,145

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	128	650	1,046
SURPLUS/(DEFICIT)	(128)	(650)	(1,046)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The proposed Connexus solution to renew cross-departmental business systems is an important response to the issues inherent in operating aging and inefficient systems. The integrated information capability of a renewed business system will be an important new tool for operational managers and functional staff, and a new technology foundation to help position the City for e-government endeavours. Comprehensive human resource information capability, and enhanced financial and business systems will be of critical importance as managers plan for a dramatically different workforce.

Careful consideration has been given to the recommended scope for the Connexus solution. The proposal incorporates a core enterprise solution (human resources, payroll and finance) with a series of optional applications or "electives" which adhere to mandatory functionality (purchasing, inventory and timekeeping). The Connexus recommended scope enables extensive benefits through broad administrative integration. It also leverages existing system capability in departments, and compliments other valuable initiatives (in particular, the Computerized Work Management System project). This tailored approach responds to the needs and circumstances of our organization and reflects operationally driven priorities.

The Connexus project team prepared a preliminary business case in May 2001.

The cost/benefit model, in the preliminary Connexus business case, revealed that the recommended core solution has the potential to deliver significant financial benefit to the organization within a twelve-year period. However, based on the information to date, there is significant variation in financial outcomes possible, dependent primarily on the length of the project implementation, the size of the implementation team and benefits realized. There are primarily two types of potential benefits:

- FTE savings through increasing integration, eliminating multiple data entry and decreasing labour intensive activities.
- Cost avoidance through discontinuing the mainframe and replacing departmental computer applications.

However, further refinement of these estimates are necessary and will come as part of the "Solution Selection" phase of the project (early 2002).

The debt and finance charges reflect a 10 year amortization period using an interest rate of 7.00%.

CITY CLERK'S - GENERAL CAPITAL FUND

Project Name: **Office Automation**

Centre No: 64yy0101xx
Program: Government

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Government and the Economy - Meet High Standards of Service Delivery (2B-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	300	-	-	100	200	200	200	700	700
Financed by:									
Equity In Capital Assets Fund				100	200	200	200	700	700

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	100	200	200	200	-	700
Financed by:								
Equity In Capital Assets Fund			100	200	200	200		700

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			4
SURPLUS/(DEFICIT)	-	-	(4)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The replacement of existing equipment used to deliver all public services performed by the Department. This includes upgrades and enhancements to the software and hardware used by the City Clerk's Department, Mayor's Office and Council.

CITY CLERK'S - GENERAL CAPITAL FUND

Project Name: **Electronic Records Management**

Centre No: 6402010201
Program: Government

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Government and the Economy - Meet High Standards of Service Delivery (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	350	200	260	50	-	-	-	310	510
Financed by:									
Equity In Capital Assets Fund		200	260	50				310	510

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	200	260	50	-	-	-	-	510
Financed by:								
Equity In Capital Assets Fund	200	260	50					510

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	30	49
SURPLUS/(DEFICIT)	(7)	(30)	(49)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To date, very limited technology has been utilized with regard to Archiving and Records Management of City documents. This project will address both imaging of existing paper documents and creation of an electronic document management system to organize all electronic records and ensure that information is both preserved and quickly available to facilitate the growing research and business needs of the City of Winnipeg.

CITY CLERK'S - GENERAL CAPITAL FUND

Project Name: **Election Systems**

Centre No: 6402010301
Program: Government

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Government and the Economy - Meet High Standards of Service Delivery (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	150	100	-	-	-	-	-	-	100
Financed by:									
Equity In Capital Assets Fund		100						-	100

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by:								
Equity In Capital Assets Fund	100							100

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	10	10
SURPLUS/(DEFICIT)	(4)	(10)	(10)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In the past, Corporate mainframe technology was used to compile the List of Electors and convene elections in accordance with the Department's statutory responsibility. However, with recent Corporate mainframe changes, this option is no longer available.

This capital project will fund development of a new intranet based system. The new system will include links to the Assessment Roll and other data sources as well as a Geographical Informational System for production of electoral maps.

CORPORATE INFORMATION TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Communications Network Infrastructure**

Centre No 6702010701
Program Information Stewartship

Capital Priority Rating 2 - 4
Plan Winnipeg Indicator Government and the Economy - Invest in Information Technology Infrastructure (2C-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	698	602	723	611	610	649	3,195	3,893
Financed by:									
Equity In Capital Assets		698	602	723	611	610	649	3,195	3,893

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	698	602	723	611	610	649	-	3,893
Financed by:								
Equity In Capital Assets	698	602	723	611	610	649		3,893

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	24	196	351
SURPLUS/(DEFICIT)	(24)	(196)	(351)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This entails the implementation and enhancement of the backbone network infrastructure which connects the decentralized computers in Civic Departments. This is a high speed infrastructure to enable the sharing and distribution of corporate information across departments with more management, control, flexibility and ease of use at the department level. Information could be processed and stored on lower cost computers in or for departments and made accessible city-wide through the network infrastructure. The infrastructure would extend the availability of applications such as E-mail and Internet to all departments.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

CORPORATE INFORMATION TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Network Computing Initiatives**

Centre No: 6702010702
Program: Information Stewardship

Capital Priority Rating: 2 - 4
Plan Winnipeg Indicator: Government and the Economy - Invest in Information Technology Infrastructure (2C-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	151	251	251	199	204	211	1,116	1,267
Financed by:									
Equity In Capital Assets		151	251	251	199	204	211	1,116	1,267

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	151	251	251	199	204	211	-	1,267
Financed by:								
Equity In Capital Assets	151	251	251	199	204	211		1,267

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	47	110
SURPLUS/(DEFICIT)	(5)	(47)	(110)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Emerging Client/Server, Internet/Intranet Servers and other similar network based computing technologies are required to implement both corporate and departmental initiatives in support of shared quality customer information services. Funding to establish and maintain adequate computing and storage capacity in a secured operational infrastructure will allow for continued delivery and support of information systems. Examples of shared computing initiatives include City Office, networked E-mail and the shared departmental Call Centre.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

CORPORATE INFORMATION TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **E-Government**

Centre No.: 6702020702
Program: Information Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Invest in Information Technology Infrastructure (2C-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	500	1,850	2,583	1,680	1,682	1,689	9,484	9,984
Financed by:									
Equity In Capital Assets		500	1,850	2,583	1,680	1,682	1,689	9,484	9,984

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	500	1,850	2,583	1,680	1,682	1,689	-	9,984
Financed by:								
Equity In Capital Assets	500	1,850	2,583	1,680	1,682	1,689		9,984

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	18	190	680
SURPLUS/(DEFICIT)	(18)	(190)	(680)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This capital fund supports projects which use information technology to support the provision of e-government services. This covers a broad spectrum of initiatives that typically fall into two main categories: 1. Providing better service to citizens (i.e. 24 X 7, self-service options); and 2. Providing services more efficiently and effectively, translates into productivity gains and reduced costs. These funds will be used to provide applications to improve the City's Internet site and to provide a better and new electronic services to citizens. Part of these funds will be used to support the recommendations of the Internet/Intranet Study and to change the "look and feel" of our current Web site.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

PROPERTY ASSESSMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: **Assessment Automation**

Centre No: 6802010101
Program: Government

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Government and the Economy - Provide Sound Municipal Management (2B-04)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	10,723	-	500	500	-	1,000	500	2,500	2,500
Financed by:									
Equity In Capital Assets Fund			500	500		1,000	500	2,500	2,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	500	500	-	1,000	500	-	2,500
Financed by:								
Equity In Capital Assets Fund		500	500		1,000	500		2,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		18	68
SURPLUS/(DEFICIT)	-	(18)	(68)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project provides for the implementation of dynamic linkages between Computer Assisted Mass Appraisal System (CAMA) and Global Information System (GIS) so that access to assessment data can be provided to other corporate GIS platforms. As part of the business planning project the department has identified the need to automate the records management system associated with the property centric CAMA system.

Project Name: **Convention Centre Cladding**

Centre No.: 6402030101
Program: Government

Capital Priority Rating: 2 - 2
Plan Winnipeg Indicator: Government and the Economy - Encourage Activities Beneficial to the Winnipeg Economy (2C-10)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,200	3,400	-	-	-	-	-	-	3,400
Financed by:									
Equity In Capital Assets Fund		1,700						-	1,700
Provincial Funding VLT		1,700						-	1,700

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	3,400	-	-	-	-	-	-	3,400
Financed by:								
Equity In Capital Assets Fund	1,700							1,700
Provincial Funding VLT	1,700							1,700

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	55	162	162
SURPLUS/(DEFICIT)	(55)	(162)	(162)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Convention Centre tyndall stone cladding project provides for an exterior air barrier retrofitting, and inspection and repair of the existing stones. An estimate of $6.6 million has been obtained taking into account the rapid deterioration of existing stones and alternative upgrades. The above budget would provide for a composite wall panel upgrade which is proposed due to technical performance, maintenance, construction and aesthetic considerations. Other options range from $4.08 to $5.28 million.

NON-DEPARTMENTAL - GENERAL REVENUE FUND

Project Name: **Special Projects - Special Innovative Capital**

Centre No 6402030101
Program Government

Capital Priority Rating: 1 - 1
Plan Winnipeg Indicator: Government and the Economy - Encourage Activities Beneficial to the Winnipeg Economy (2C-10)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,050	2,841	-	934	3,092	854	3,643	8,523	11,364
Financed by:									
Equity In Capital Assets Fund		2,841		934	3,092	854	3,643	8,523	11,364

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	2,841	-	934	3,092	854	3,643	-	11,364
Financed by:								
Equity In Capital Assets Fund	2,841		934	3,092	854	3,643		11,364

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	99	425	457
SURPLUS/(DEFICIT)	(99)	(425)	(457)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Capital funding to increase efficiency and/or effectiveness for unspecified projects. Projects are issued on an individual basis and authorized by the Chief Administrative Officer

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: **Bus Radio System Replacement with Automated Vehicle Location (AVL) Enhancement**

Centre No.: 53yy010701
Program: Transportation

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit to Transit Service Improvements (3C-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	2,301	3,659	-	-	-	5,960	5,960
Financed by:									
Equity In Capital Assets Fund	100		2,301	3,659				5,960	5,960

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	2,000	3,000	960	-	-	-	5,960
Financed by:								
Equity In Capital Assets Fund		2,000	3,000	960				5,960

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			273
SURPLUS/(DEFICIT)	-	-	(273)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will replace the aging onboard radio system in 535 buses, as well as the base signalling units. The system will use trunked radio technology and automated vehicle location capability.

Previous budgets are being used to formally define the Department's technical requirements and provide recommendations for effective solutions.

The technical requirement identification phase will continue into 2002. As such, the implementation phase has been delayed to 2003.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: **Regular Transit Buses**

Centre No 53yy060701
Program Transportation

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit to Transit Service Improvements (3C-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	10,711	11,963	11,637	13,179	13,344	16,104	66,227	76,938
Financed by:									
Transit Bus Replacement		5,409	6,330	6,330	7,382	7,382	8,132	35,556	40,965
Province of Manitoba - UCPA		5,302	5,633	5,307	5,797	5,962	7,972	30,671	35,973

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	10,711	-	23,600	-	26,523	-	16,104	76,938
Financed by:								
Transit Bus Replacement	5,409		12,660		14,764		8,132	40,965
Province of Manitoba - UCPA	5,302		10,940		11,759		7,972	35,973

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)	100		100
Less:			
Operating expenditures increase/(decrease)	(100)		(90)
Debt and finance charges increase			
SURPLUS/(DEFICIT)	200	-	190

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will purchase new low-floor urban transit buses for the replacement of buses which have reached the end of their useful life. Optimally, the project would acquire thirty buses per year in accordance with the department's regular replacement program. This program is based upon the useful life of a bus averaging 18 years, which is actually greater than the industry standard. Compared to the previous capital plan, unit prices in the most recent replacement bus contract have increased the planned future cost of buses. As a result, the program has been cut back in 2002 through 2006, resulting in production of 15 fewer buses from the optimum program.

The cash flow for the five year forecast reflects current production expectations.

No amounts have been included in "Previous Budgets" due to this project's on-going nature.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: **Fare Collection System**

Centre No: 53yy080701
Program: Transportation

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit to Transit Service Improvements (3C-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	-	-	2,000	4,000	-	6,000	6,000
Financed by:									
Equity In Capital Assets Fund					2,000	4,000		6,000	6,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	2,000	4,000	-	-	6,000
Financed by:								
Equity In Capital Assets Fund				2,000	4,000			6,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing fare collection system is several decades old and limits flexibility in the type of fares that can be offered passengers. Previous budgets would be used to formally study the department's technical requirements and provide recommendation for effective solutions.

Pending the results of this study, the first operational phase of this project contemplates mechanizing the existing transfer dispensing system and acquiring replacement mechanical fareboxes.

Smart card and proximity card technology has practical application in the transit industry and will permit more extensive use of prepaid fares, accommodate more complex fare systems and provide more efficient processing and reporting of fares, and provide a better defense against potential counterfeiting of monthly and weekly passes. As this technology is still developing and the public is only beginning to accept this as a means of paying for goods and services, this part of the project has been delayed until beyond 2007.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: **Innovative Transit Program**

Centre No: 55yy0107xx
Program: Transportation

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit to Transit Service Improvements (3C-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	200	200	200	700	700	700	2,500	2,700
Financed by:									
Equity In Capital Assets Fund		200	200	200	700	700	700	2,500	2,700

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	100	200	200	600	700	700	200	2,700
Financed by:								
Equity In Capital Assets Fund	100	200	200	600	700	700	200	2,700

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		13	39
SURPLUS/(DEFICIT)	-	(13)	(39)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Innovative Transit Program provides for various projects of an innovative nature which are not normally funded through current or other areas of the capital budget. Various projects such as transit terminals at shopping centres, large heated shelters, improved waiting amenities at major bus stops, park and ride lots, bus priority measures, handi-transit trip confirmation improvements, automated transit scheduling system and the Winnipeg Transit internet site provide an enduring benefit to the department and have been funded under this program.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: **Transit Buildings Replacement/Refurbishment**

Centre No.: 52yy010701
Program: Transportation

Capital Priority Rating: 3 - 1
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Commit to Transit Service Improvements (3C-02)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	100	-	-	-	100	100
Financed by:									
Equity In Capital Assets Fund				100				100	100

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	100	-	-	-	-	100
Financed by:								
Equity In Capital Assets Fund			100					100

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Transit's operations are housed out of two primary facilities, the Fort Rouge complex and North Main garage. These facilities are approximately 30 and 50 years old respectively. The department continues to fund maintenance of the facilities through the operating budget. However, it is becoming clear that more significant funding will be needed shortly to prevent building failure. The budget for 2004 will be a first step for this project and would include an analysis of the most cost effective approach to solve the building problems. It is anticipated that the results of this review will result in this becoming a multi-year capital project.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: **Metrobus (Stage 1)**

Centre No: 54yy010701
Program: Transportation

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Direct Transit System Investment (3D-03)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	250	5,000	5,000	10,250	10,250
Financed by:									
Equity In Capital Assets Fund					250	5,000	5,000	10,250	10,250

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	2,250	8,000	-	10,250
Financed by:								
Equity In Capital Assets Fund					2,250	8,000		10,250

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Metrobus (Stage 1) is the first stage of a city-wide bus-based rapid transit system to be called Metrobus. The first stage of Metrobus would provide rapid transit service between downtown and the University of Manitoba and the residential/commercial/industrial areas of southwest Winnipeg.

The specific components of the first stage of Metrobus include:

Rapid Transit Busway - A new rapid transit busway (a separate road right-of-way for the exclusive use of buses and emergency vehicles) would be constructed between Main & Stradbrook and Pembina & Jubilee. Buses would operate at high speed on the busway and bypass on-street traffic congestion on Pembina (especially at the Corydon & Osborne interchange and the Pembina & Jubilee underpass). Lands adjacent to the busway in the Fort Rouge Yards, at the Masonic Temple site, and south of the CN Main Line have high potential for development.

On-Street Rapid Bus - A new set of "on-street" improvements to improve the speed, reliability, comfort, and image of transit service would be implemented on Pembina Highway between Jubilee and Bison. These improvements would include diamond lanes, transit signal priorities, upgraded waiting areas and real-time passenger information displays at bus stops.

New Buses - New "state-of-the-art" alternative fuel buses for operation on Metrobus service.

Further capital authorization for $21 0 million would be required in 2008 to complete Stage 1. Target 2009 for project completion.
Future stages for this project would require additional capital funding

HYDRO STREET LIGHTING - GENERAL CAPITAL FUND

Project Name: **Replace Wood Pole Lighting with Ornamental Lighting**

Centre No: 28yy0101xx
Program: Safety

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Public Safety, Health and Education - Promote Safety on Streets and Sidewalks (4B-03)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	100	100	100	100	100	500	500
Financed by:									
Equity In Capital Assets Fund			100	100	100	100	100	500	500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	100	100	100	100	100	-	500
Financed by:								
Equity In Capital Assets Fund		100	100	100	100	100		500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		4	14
SURPLUS/(DEFICIT)	-	(4)	(14)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Year 2003
Academy - Cambridge to Stafford
St. Matthews - Empress to CPR ROW

Year 2004
Dufferin - Arlington to Powers

Year 2005
Logan - McPhillips to Arlington

Year 2006
Academy - Kenaston to Cambridge (Phase 1)

Year 2007
Academy - Kenaston to Cambridge (Phase 2)

Life expectancy is 15 - 20 years.

HYDRO STREET LIGHTING - GENERAL CAPITAL FUND

Project Name: **Upgrading Lighting Plant on Bridges**

Centre No 28yy0201xx
Program Safety

Capital Priority Rating 5 - 4
Plan Winnipeg Indicator: Public Safety, Health and Education - Promote Safety on Streets and Sidewalks (4B-03)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	-	250	250	250	300	1,050	1,050
Financed by:									
Equity In Capital Assets Fund				250	250	250	300	1,050	1,050

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	250	250	250	300	-	1,050
Financed by:								
Equity In Capital Assets Fund			250	250	250	300		1,050

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			10
SURPLUS/(DEFICIT)	-	-	(10)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Disraeli Bridge and Approaches - Replace standards and fixtures
Jubilee Interchange Upgrading

Life expectancy is 15 - 20 years

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Generation - Pointe du Bois**

Centre No: 52yy0111xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	see below	18,700	18,000	6,000	4,750	18,500	21,750	69,000	87,700
Financed by									
Debentures		18,700	18,000	6,000	4,750	18,500	21,750	69,000	87,700

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	18,350	18,350	6,000	4,750	18,500	21,750	-	87,700
Financed by								
Debentures	18,350	18,350	6,000	4,750	18,500	21,750		87,700

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	69	1,999	3,884
SURPLUS/(DEFICIT)	(69)	(1,999)	(3,884)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The average asset life expectancy is 60+ years

List of Generation - Pointe du Bois Capital Projects:	Previous Budgets*	2002	2003	2004	2005	2006	2007	Six-Year Total
1 Tramway Building Replacement	100	700	-	-	-	-	-	700
2 Replace Turbine/Generator Unit No 4	-	14,500	-	-	-	-	-	14,500
3 Replace Turbine/Generator Unit No 5	-	-	14,500	-	-	-	-	14,500
4 Replace Turbine/Generator Unit No 6	-	-	-	-	-	14,500	-	14,500
5 Replace Turbine/Generator Unit No 7	-	-	-	-	-	-	14,500	14,500
6 Rehabilitate Main Spillway Rollways/Piers and Replace Gates and Hoisting Equipment	N/A	1,500	1,500	1,500	1,000	1,500	1,500	8,500
7 Powerhouse Life Extension Program	N/A	2,000	2,000	2,000	2,000	2,000	2,000	12,000
8 Replace Transformers No 3 and No 6 and 69 kV/138 kV Equipment, Re-terminate Generators 11 to 14	-	-	-	2,000	1,250	-	-	3,250
9 Replace Transformer No 4 and 69 kV/138 kV Equipment, Re-terminate Generator 15 to 16	-	-	-	-	-	-	3,500	3,500
10 Control Room Upgrade	-	-	-	250	250	250	-	750
11 SCADA and Control Systems	-	-	-	250	250	250	250	1,000
Total	100	18,700	18,000	6,000	4,750	18,500	21,750	87,700

* N/A (not applicable) has been used in "Previous Budgets" due to the project's on-going nature

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Generation - Slave Falls**

Centre No 52yy0211xx
Program Infrastructure

Capital Priority Rating 5 - 4
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	see below	2,800	5,200	12,300	8,600	3,100	2,300	31,500	34,300
Financed by									
Debentures		2,800	5,200	12,300	8,600	3,100	2,300	31,500	34,300

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	2,800	5,200	12,300	8,600	3,100	2,300	-	34,300
Financed by								
Debentures	2,800	5,200	12,300	8,600	3,100	2,300		34,300

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	314	889
SURPLUS/(DEFICIT)	(11)	(314)	(889)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The average asset life expectancy is 60+ years

List of Generation - Slave Falls Capital Projects:	Previous Budgets	2002	2003	2004	2005	2006	2007	Six-Year Total
1 Repair and Anchor Sluicegates Piers	-	-	2,000	-	-	-	-	2,000
2 Replacement of Obsolete Powerhouse Equipment - Transformers, Governors, etc	1,500	-	-	4,000	1,000	-	-	5,000
3 Rewind No. 2 Generator Stator and Rehabilitate Turbine	-	-	-	2,500	-	-	-	2,500
4 Repair of Creek Spillway Rollways and Piers	5,400	1,500	500	-	-	-	-	2,000
5 Rehabilitate Main Unit Headgates and Roller Paths	1,235	800	800	800	800	800	-	4,000
6 Rehabilitate Sluicegates and Hoisting Equipment	1,250	500	500	500	500	500	500	3,000
7 Rehabilitate Powerhouse Structure	-	-	200	2,000	1,000	-	-	3,200
8 Upgrade Control House Equipment	-	-	-	-	500	-	-	500
9 Design, Fabricate and Test Fully Homologous Turbine Runner	-	-	1,200	-	-	-	-	1,200
10 Rehabilitate Main Unit Turbines	-	-	-	-	1,800	1,800	1,800	5,400
11 Generation Enhancement Projects - Channel Improvements (Sturgeon Falls)	500	-	-	2,500	3,000	-	-	5,500
Total	9,885	2,800	5,200	12,300	8,600	3,100	2,300	34,300

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Transmission Lines**

Centre No: 52yy0141xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	see below	6,300	8,800	8,500	6,850	9,000	12,000	45,150	51,450
Financed by:									
Debentures		6,300	8,800	8,500	6,850	9,000	12,000	45,150	51,450

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	6,300	8,800	8,500	6,850	9,000	12,000	-	51,450
Financed by:								
Debentures	6,300	8,800	8,500	6,850	9,000	12,000		51,450

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	24	696	1,621
SURPLUS/(DEFICIT)	(24)	(696)	(1,621)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The average asset life expectancy is 40+ years.

List of Transmission Line Capital Projects:	Previous Budgets*	2002	2003	2004	2005	2006	2007	Total
1 Pointe du Bois Lines - Upgrade Pointe Lines from Rover Avenue to the Power House	N/A	6,300	6,300	6,000	6,000	9,000	9,000	42,600
2 Pointe du Bois Lines - No 3 Substation - Terminate Pointe du Bois Transmission Lines	-	-	-	-	-	-	3,000	3,000
3 Winnipeg Lines - Installation of 69 kV Cable between No. 3, No. 12, and No. 11 Substations	-	-	2,500	1,000	850	-	-	4,350
4 Winnipeg Lines - Installation of 69 kV Cable between No. 1 and No. 6 Substations	-	-	-	1,500	-	-	-	1,500
Total	-	6,300	8,800	8,500	6,850	9,000	12,000	51,450

* N/A (not applicable) has been used in "Previous Budgets" due to the project's on-going nature.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution - Substations**

Centre No: 56yy01xxxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	see below	3,250	2,400	4,050	8,450	5,100	3,300	23,300	26,550
Financed by:									
Debentures		3,250	2,400	4,050	8,450	5,100	3,300	23,300	26,550

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	3,250	2,400	4,050	8,450	4,200	4,200	-	26,550
Financed by:								
Debentures	3,250	2,400	4,050	8,450	4,200	4,200		26,550

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	351	610
SURPLUS/(DEFICIT)	(12)	(351)	(610)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The average asset life expectancy is 40+ years

See project details on the following page

List of Distribution - Substations Capital Projects:	Previous Budgets *	2002	2003	2004	2005	2006	2007	Six-Year Total
1 Various Substations - Capacitors	N/A	200	200	200	200	200	100	1,100
2 Various Substations - Relay System	N/A	250	250	250	250	250	250	1,500
3 Various Substations - Potential Transformers	-	-	-	200	-	-	-	200
4 Various Substations - Circuit Breakers and Buswork	N/A	800	400	400	400	400	400	2,800
5 Grounding Bank	-	200	300	500	-	-	-	1,000
6 Communications System	-	250	-	-	-	-	-	250
7 No. 1 Substation - Terminate 69 kV Cable	-	350	250	500	-	-	-	1,100
8 No. 3 Substation - Termination of 69 kV Cable from No. 12 Substation	-	-	500	200	-	-	-	700
9 No. 4 Substation - Install 4 kV switchgear	-	-	-	-	2,000	-	-	2,000
10 No. 5 Substation - Manitoba Hydro - Winnipeg Hydro Interconnection	-	-	-	-	2,000	-	-	2,000
11 No. 5 Substation - Upgrade - 69 kV Switchyard	-	-	-	500	500	-	-	1,000
12 No. 5 Substation - Switchyard Wall	-	-	-	-	300	200	-	500
13 No. 6 Substation - Terminate 69 kV Cable	-	-	-	500	500	-	-	1,000
14 No. 7 Substation - Substation Upgrade - Purchase and Install Electrical Equipment	-	-	-	-	1,500	1,500	-	3,000
15 No. 9 Substation - Substation Upgrade - Purchase Electrical Equipment - Phase 1	-	-	-	-	-	1,750	1,750	3,500
16 No. 13 Substation - Purchase Land	-	350	-	-	-	-	-	350
17 No. 16 Substation - 69 - 4 kV Transformer Upgrade	-	200	200	-	-	-	-	400
18 No. 22 Substation - Purchase 69 kV/4.6 kV Transformers	-	400	-	-	-	-	-	400
19 Central Control SCADA	6,000	-	-	500	500	500	500	2,000
20 Emergent Equipment	N/A	250	300	300	300	300	300	1,750
Total	6,000	3,250	2,400	4,050	8,450	5,100	3,300	26,550

* N/A (not applicable) has been used in "Previous Budgets" due to the project's on-going nature.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution - Overhead**

Centre No: 56yy041xxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	see below	1,200	1,200	1,200	1,200	1,200	1,200	6,000	7,200
Financed by:									
Debentures		1,200	1,200	1,200	1,200	1,200	1,200	6,000	7,200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	1,200	1,200	1,200	1,200	1,200	1,200	-	7,200
Financed by:								
Debentures	1,200	1,200	1,200	1,200	1,200	1,200		7,200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	131	257
SURPLUS/(DEFICIT)	(5)	(131)	(257)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The average asset life expectancy is 40+ years.

List of Distribution - Overhead Capital Projects:	Previous Budgets *	2002	2003	2004	2005	2006	2007	Six-Year Total
1 Replacement of Overhead Plant	N/A	100	100	100	100	100	100	600
2 Supply Load Increases	N/A	1,100	1,100	1,100	1,100	1,100	1,100	6,600
Total	-	1,200	1,200	1,200	1,200	1,200	1,200	7,200

* N/A (not applicable) has been used in "Previous Budgets" due to the project's on-going nature.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution - Underground**

Centre No.: 56yy051xxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	see below	3,100	3,100	3,840	4,940	5,140	3,840	20,860	23,960
Financed by:									
Debentures		3,100	3,100	3,840	4,940	5,140	3,840	20,860	23,960

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	3,100	3,100	3,840	4,940	5,140	3,840	-	23,960
Financed by:								
Debentures	3,100	3,100	3,840	4,940	5,140	3,840		23,960

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	338	667
SURPLUS/(DEFICIT)	(12)	(338)	(667)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The average asset life expectancy is 40+ years.

List of Distribution - Underground Capital Projects:	Previous Budgets *	2002	2003	2004	2005	2006	2007	Six-Year Total
1 Supply New Customers - New Services	N/A	1,000	1,000	1,000	1,000	1,000	1,000	6,000
2 System Improvements and Replacements	N/A	1,300	1,300	1,300	1,300	1,300	1,300	7,800
3 Conversion of Downtown Area	N/A	300	300	300	300	300	300	1,800
4 Overhead to Underground Conversion of Major Streets	-	-	-	740	740	740	740	2,960
5 Image Route Improvements	N/A	500	500	500	500	500	500	3,000
6 Remove Overhead On Academy Road from Kenaston to Cambridge	-	-	-	-	1,100	1,300	-	2,400
Total	-	3,100	3,100	3,840	4,940	5,140	3,840	23,960

* N/A (not applicable) has been used in "Previous Budgets" due to the project's on-going nature

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Hydro Office/Other Buildings**

Centre No 61yyxxxxxx
Program Infrastructure

Capital Priority Rating 5 - 4
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	see below	1,290	1,580	740	250	300	600	3,470	4,760
Financed by									
Debentures		1,290	1,580	740	250	300	600	3,470	4,760

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	1,290	1,580	740	250	300	600	-	4,760
Financed by								
Debentures	1,290	1,580	740	250	300	600		4,760

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	142	304
SURPLUS/(DEFICIT)	(5)	(142)	(304)

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The average asset life expectancy is 10 to 30+ years

List of Other Capital Projects:	Previous Budgets *	2002	2003	2004	2005	2006	2007	Six-Year Total
1 AEM Facility - Vehicle and Equipment Replacement	N/A	240	330	240	250	300	600	1,960
2 Operating Building - Buildings Rearrangement Modifications to Operating Building 1315 Notre Dame Avenue	1,750	500	500	500	-	-	-	1,500
3 Operating Building Roof Repairs	-	250	750	-	-	-	-	1,000
4 Rover Avenue Complex Roof	-	300	-	-	-	-	-	300
Total	1,750	1,290	1,580	740	250	300	600	4,760

* N/A (not applicable) has been used in "Previous Budgets" due to the project's on-going nature.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Customer Premises - Distribution Automation and Automatic Meter Reading**

Centre No.: 56yy0135xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	500	2,000	2,000	2,000	6,500	6,500
Financed by:									
Debentures				500	2,000	2,000	2,000	6,500	6,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	500	2,000	2,000	2,000	-	6,500
Financed by:								
Debentures			500	2,000	2,000	2,000		6,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			2
SURPLUS/(DEFICIT)	-	-	(2)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Automatic Meter Reading - 2003 - Year 1 of a multi-year project.

To replace existing meters (approximately 100,000 meters) with a new automatic reading system which has the capability to provide meter readings, detect theft/tampering, obtain Demand Side Management Information, remote water heater control, establish "time of use" rates, and allow remote disconnections and reconnections. These features are available through various communication networks such as telephone line, radio frequencies, power line carriers, etc.

The Automatic Meter Reading System will eventually eliminate the need for Meter Readers. The system would eliminate estimated bills, therefore resulting in accurate billings every month and a reduction in the volume of high bill concerns. The remote disconnect/reconnect feature allows immediate service response and would result in fewer write-offs.

Also, this system will replace an obsolete system, presently in use, for water heater control.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Communication System - Municipal Fibre Cable**

Centre No 56yy051xxx
Program Physical Asset Stewardship

Capital Priority Rating 5 - 4
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Manage Hydro-Electric Utility (3D-07)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	600	600	600	-	-	-	1,200	1,800
Financed by									
Debentures		600	600	600				1,200	1,800

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	600	600	600	-	-	-	-	1,800
Financed by								
Debentures	600	600	600					1,800

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	2	65	129
SURPLUS/(DEFICIT)	(2)	(65)	(129)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Install dark fibre to connect municipal information technology sites, such as hospitals, schools, and libraries.

Project Name: **Combined Sewer Flood Relief**

Centre No: 5202020701
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	98,379	4,500	7,200	7,200	7,200	7,200	7,200	36,000	40,500
Financed by:									
Combined Sewer Renewal Reserve		4,500	7,200	7,200	7,200	7,200	7,200	36,000	40,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	4,500	7,200	7,200	7,200	7,200	7,200	-	40,500
Financed by:								
Combined Sewer Renewal Reserve	4,500	7,200	7,200	7,200	7,200	7,200		40,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This program, which was approved by Council on October 21, 1987, is for providing basement flood relief to combined sewered areas. Funds will be used for the planning, design and construction of sewer relief works. Also, a portion of the funds will be used for sewer flow and meteorological monitoring in advance of design as well as public communication and education on basement flood protection.

The expected life of this asset is over 50 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Flood Relief Sewers - Separate**

Centre No 52yy0307xx
Program Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	300	300	300	300	300	1,500	1,500
Financed by:									
Combined Sewer Renewal Reserve			300	300	300	300	300	1,500	1,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	300	300	300	300	300	-	1,500
Financed by:								
Combined Sewer Renewal Reserve		300	300	300	300	300		1,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Basement flooding has become as extensive in some separate sewered areas as in combined sewered areas. A parallel relief sewer program in separate areas is necessary. It is proposed that funds be used for the conceptual and detailed design and construction of sewer relief works in separate sewered areas.

The expected life of this asset is over 50 years.

Project Name: **Impoundment Shoreline Replacement/Upgrading**

Centre No.: 5202080701
Program: Infrastructure

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,472	200	-	100	100	100	100	400	600
Financed by:									
Equity In Capital Assets Fund		200		100	100	100	100	400	600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	200	-	100	100	100	100	-	600
Financed by:								
Equity In Capital Assets Fund	200		100	100	100	100		600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	20	24
SURPLUS/(DEFICIT)	(7)	(20)	(24)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an annual program of carrying out repairs or improvements to shorelines and facilities of existing stormwater retention basins (impoundments). Upgrading of the retention basins will prevent chronic maintenance problems and improve safety.

The expected life of this asset is 10 years.

Project Name: **Regional Flood Protection**

Centre No 5202090701
Program Infrastructure

Capital Priority Rating 3 - 3
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,123	294	344	344	450	450	450	2,038	2,332
Financed by									
Equity In Capital Assets Fund		294	344	344	450	450	450	2,038	2,332

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	294	344	344	450	450	450	-	2,332
Financed by								
Equity In Capital Assets Fund	294	344	344	450	450	450		2,332

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	10	42	79
SURPLUS/(DEFICIT)	(10)	(42)	(79)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City has reviewed the adequacy and operation of the regional flood protection system against high water levels in the Red and Assiniboine Rivers, and has an annual program of carrying out major repairs or improvements to the flood pumping stations, outfall pipes and gates, and operating procedures. Also, under the 1990 "Clean and Beautiful Winnipeg" initiative, several flood pumping stations have been identified for aesthetic improvements.

The expected life of this asset is 50 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Flood Pumping Station Reliability Upgrades**

Centre No 5202090702
Program Infrastructure

Capital Priority Rating 3 - 3
Plan Winnipeg Indicator Planned Development Transportation and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,000	1,000	1,500	1,100	600	900	5,100	6,100
Financed by:									
Equity In Capital Assets Fund		1,000	1,000	1,500	1,100	600	900	5,100	6,100

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	1,000	1,000	1,500	1,100	600	900	-	6,100
Financed by:								
Equity In Capital Assets Fund	1,000	1,000	1,500	1,100	600	900		6,100

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	35	138	264
SURPLUS/(DEFICIT)	(35)	(138)	(264)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes upgrading of critical components (ventilation, electrical) and installation of remote monitoring at all 34 combined sewer systems flood pumping stations. This will improve station reliability under high river level and rainfall conditions, and provide monitoring of the station operation.

The expected life of this asset is 30 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Land Drainage Sewers Outfall Gate Structures**

Centre No 5202140701
Program Infrastructure

Capital Priority Rating 3 - 3
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,450	500	2,000	2,000	1,450	1,450	7,400	8,850
Financed by									
Equity In Capital Assets Fund		1,450	500	2,000	2,000	1,450	1,450	7,400	8,850

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	1,450	500	2,000	2,000	1,450	1,450	-	8,850
Financed by								
Equity In Capital Assets Fund	1,450	500	2,000	2,000	1,450	1,450		8,850

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	51	164	275
SURPLUS/(DEFICIT)	(51)	(164)	(275)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a project to install flap gates and positive sliding gates within concrete gate structures on land drainage outfall sewers where these facilities do not currently exist. Under high river level (flood) conditions, the river water backs up into the land drainage system. In some low lying areas there is a potential for river water to inundate roadways and adjacent properties. The presence of river water in the land drainage pipes also greatly reduces the capacity of the system to carry away rainfall and snow melt runoff. The gate structures will prevent the entry of river water into the land drainage system.

The expected life of this asset is 50 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Development Agreement Paybacks**

Centre No.: 52yy1307xx
Program: Infrastructure

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	335	1,400	-	600	-	2,335	2,335
Financed by:									
Developer Capacity Charges			335	1,400		600		2,335	2,335

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	335	1,400	-	600	-	-	2,335
Financed by:								
Developer Capacity Charges		335	1,400		600			2,335

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The provision for development agreement payback is an allowance for the City to repay developers who bridge finance the installation of oversized land drainage services at a time when City capital funding is not provided. The policy guideline for bridge financing was defined in the previous version of the Development Agreement Parameters and was again incorporated in the most recent version of the Parameters which was adopted by Council on June 21, 1989.

Funds budgeted will provide the following paybacks:

2003	DASZ 44/85 - Qualico/Lagimodiere Outfall	$335,000
2004	DASZ 19/98 & DASZ 20/98 - Novamet/Riverbend South	$1,400,000
2006	DASZ 3/93 - Genstar/Amber Trails	$600,000

The expected life of this asset is over 50 years.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Flood Activity/Emergency Information System**

Centre No 5202150701
Program Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,100	300	-	-	-	-	-	-	300
Financed by:									
Equity In Capital Assets Fund		300						-	300

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	300	-	-	-	-	-	-	300
Financed by:								
Equity In Capital Assets Fund	300							300

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	30	30
SURPLUS/(DEFICIT)	(11)	(30)	(30)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will provide an overall flood activity and emergency manual for the entire City of Winnipeg. It will consolidate and update information in partial flood activity manuals that currently exist for the North East and South West Sectors of the City. Work tasks include collecting information to develop activities for the portions of the City where activity manuals do not exist. The manual will describe all operational activities for all combined and separate sewer districts, such as gate monitoring, gate closure, activation of permanent pumping facilities, installation and activation of temporary pumping facilities, secondary dike requirements, sandbag numbers and locations, temporary clay dike locations and heights, etc. It is anticipated that the life expectancy of this manual will be about 20 years. The manual will be completed by the summer of 2002.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Floodplain Management**

Centre No.: 5202150702
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	300	-	-	-	-	700	700	1,000
Financed by:									
Equity In Capital Assets Fund		300					700	700	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	300	-	-	-	-	700	-	1,000
Financed by:								
Equity In Capital Assets Fund	300					700		1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	30	30
SURPLUS/(DEFICIT)	(11)	(30)	(30)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will investigate programs, policies and legislation to:

1) Protect and ensure permanency of current and future secondary dike installation;
2) Prevent construction of new structures interfering with secondary dikes and within unprotected areas subjected to frequent high river levels and;
3) Investigate a process and develop guidelines to control or prevent improvements/re-developments at unprotected private properties with potential acquisition of such high risk properties.

The implementation of such programs could be over 5 to 10 years minimum at a cost of $10 million.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Permanent Secondary Dikes**

Centre No: 5202150703
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,400	5,000	600	500	-	-	-	1,100	6,100
Financed by:									
Equity In Capital Assets Fund				500				500	500
Provincial/Federal Contribution		5,000	600					600	5,600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	5,000	600	500	-	-	-	-	6,100
Financed by:								
Equity In Capital Assets Fund			500					500
Provincial/Federal Contribution	5,000	600						5,600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			19
SURPLUS/(DEFICIT)	-	-	(19)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Construction of permanent secondary dikes on private property at locations that have previously required sandbag dikes. The project will include engineering, acquisition of permits and supply and installation of material to create the permanent dikes. Riverbank stability and site features will govern final locations. The Provincial and Federal Governments are contributing a total of 90% of the costs of this project.

The expected life of this asset is 100 years.

Project Name: **St. Germain/Vermette Land Drainage Project**

Centre No.: 52yy1507xx
Program: Infrastructure

Capital Priority Rating 3 - 3
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Equity In Capital Assets Fund							1,000	1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000
Financed by:								
Equity In Capital Assets Fund						1,000		1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purpose of this program is to upgrade or construct components of the land drainage system in the St. Germain and Vermette areas to help alleviate long term drainage and overland flooding problems. The total cost of this project is estimated at $4.5 million. The expected life of the assets will be between 50 and 100 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **St. Vital Perimeter South Hydrogeological Assessment**

Centre No 5202150704
Program Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	120	-	-	-	-	-	-	120
Financed by:									
Equity In Capital Assets Fund		120						-	120

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	60	40	20	-	-	-	-	120
Financed by:								
Equity In Capital Assets Fund	60	40	20					120

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	2	8	11
SURPLUS/(DEFICIT)	(2)	(8)	(11)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purpose of the project is to perform a hydrogeological assessment of the aquifer in St. Vital Perimeter South to address the impact of present and future development on the aquifer's sustainability. At this time, the area residents and business are solely dependent upon private groundwater wells for their source of potable water. Future development in St.Vital south of the Perimeter has the potential to cause the salt water - potable water boundary to move east of the Red River and contaminate the existing potable water wells. The area residents, City officials and the Provincial Government have been aware of this delicate groundwater situation since 1975. Should the potable drinking water wells east of the Red River become contaminated with salty water, the City may then be required to install a piped water system or area residents may be confronted with hauling in potable water for domestic use. The project supports the development planning process and future building densities within St. Vital Perimeter South.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Permanent Land Drainage Pumping Station at Kilkenny & Rice**

Centre No.: 52yy1007xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

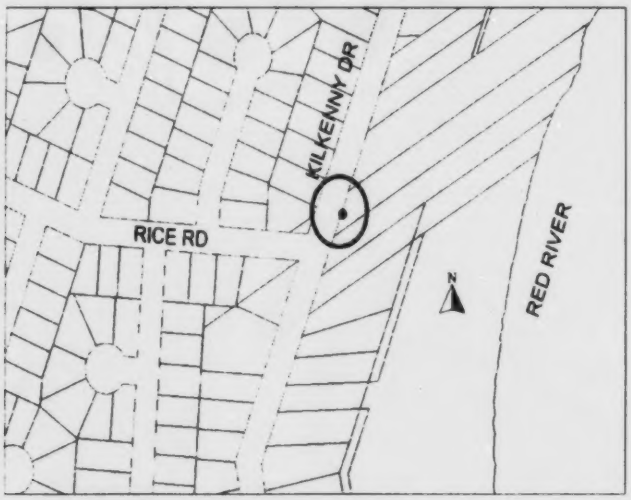
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	800	-	-	800	800
Financed by:									
Equity In Capital Assets Fund					800			800	800

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	800	-	-	-	800
Financed by:								
Equity In Capital Assets Fund				800				800

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes construction of a permanent pumping station at Kilkenny Drive and Rice Road to allow discharge of land drainage runoff from snowmelt and rainfall under high river level conditions. This station will serve a large catchment area where use of smaller temporary pumps present logistical and reliability difficulties. The expected life of the structure is 75 years and the expected life of the pumps is 20 years.



WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Seine River Waterway Acquisition**

Centre No: 5202010701
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	100	150	150	150	150	150	750	850
Financed by:									
Equity In Capital Assets Fund		100	150	150	150	150	150	750	850

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	100	150	150	150	150	150	-	850
Financed by:								
Equity In Capital Assets Fund	100	150	150	150	150	150		850

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	16	32
SURPLUS/(DEFICIT)	(4)	(16)	(32)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purchase of Seine River Waterway lands is a Council adopted policy to provide long term economical regional drainage and to manage the flood plain. The waterway lands were originally delineated in 1980 and are required to accommodate flow along the Seine River from a 100-year summer storm. The waterway lands are typically purchased at the time of subdivision. This has been made possible from funds collected through the Seine River Waterway Charge applied to all subdivision and rezoning applications within the Seine River watershed within City limits. Funding is required to supplement the funds from the Waterway Charge. Development of lands adjacent to the Seine River will occur faster than the development of lands further from the Seine River. Therefore, the funding required to purchase waterway lands will exceed the funding collected from the Waterway Charge.

Project Name: **Primary Dike Upgrading**

Centre No.: 52yy1507xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	1,000	800	1,800	1,800
Financed by:									
Equity In Capital Assets Fund						1,000	800	1,800	1,800

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	1,000	800	-	1,800
Financed by:								
Equity In Capital Assets Fund					1,000	800		1,800

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Raising of the primary dike system in Winnipeg has been identified as a key requirement to improve the flood defenses of the City pursuant to the 1997 flood. $24 million in funding is required for raising dikes to an elevation that would be compatible with the Ste. Agathe Dam alternative that has been investigated in connection with the work undertaken by the International Joint Commission (IJC). If the second option of increasing the floodway capacity were pursued, the cost to raise the primary dikes would increase to $134 million, as dikes would need to be raised to a higher elevation. The portion of the primary diking system from approximately Bishop Grandin Blvd. southerly is common to both options at an estimated cost of $5.0 million.

The expected life of this asset is 100 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Bibeau Drain Inlet Structure and Safety Grate**

Centre No: 5202150705
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	250	-	-	-	-	-	-	250
Financed by:									
Equity In Capital Assets Fund		250						-	250

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by:								
Equity In Capital Assets Fund	250							250

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	25	25
SURPLUS/(DEFICIT)	(9)	(25)	(25)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves the reconstruction of a large diameter sewer inlet structure at the terminus of the Bibeau Drain on the east side of Lagimodiere Boulevard. This inlet has been identified as a drainage safety concern since it is located adjacent to a newly constructed private school (Springs of the Living Water) and does not conform to the recently approved Drainage Safety Guidelines. The expected life of this asset is 75 years.

Project Name: **Land Drainage Safety Upgrading Program**

Centre No.: 52yy1507xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	200	200	500	500	-	1,400	1,400
Financed by:									
Equity In Capital Assets Fund			200	200	500	500		1,400	1,400

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	200	200	500	500	-	-	1,400
Financed by:								
Equity In Capital Assets Fund		200	200	500	500			1,400

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	29
SURPLUS/(DEFICIT)	-	(8)	(29)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purpose of this program is to reconstruct or upgrade miscellaneous components of the existing land drainage system that do not conform to the City of Winnipeg Drainage Safety Guidelines. These components pose an unreasonable hazard to the public and operational personnel. Specific projects will be identified and priorized as part of the current Open Channel Drainage Inventory and Safety Review Study, which is scheduled to be completed in 2001. The expected life of these assets is 75 years.

Project Name: **Fernbank Avenue Land Drainage Sewer**

Centre No: 52yy0407xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

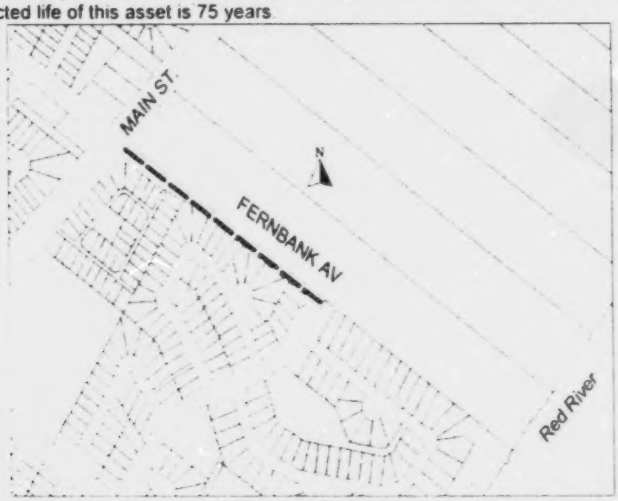
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	875	-	-	875	875
Financed by:									
Developer Capacity Charges					875			875	875

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	875	-	-	-	875
Financed by:								
Developer Capacity Charges				875				875

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes construction of a 1350 mm diameter land drainage sewer on Fernbank Avenue from approximately 65 metres west of Main Street to Rivergrove Drive. The sewer will provide a permanent outlet for the Riverbend Subdivision retention basin and an outlet for the undeveloped lands west of the CPR Winnipeg Beach Subdivision rail line. These lands include the Public Works Department's snow dump site north of Fernbank Avenue. The expected life of this asset is 75 years.



Project Name: **South Tuxedo Stormwater Retention Basin**

Centre No: 52yy0807xx
Program: Infrastructure

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Planned Development, Transportation and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

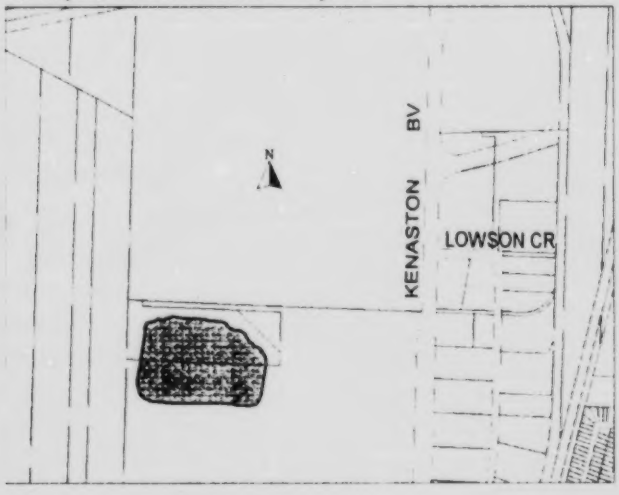
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	500	1,100	-	1,600	1,600
Financed by:									
Developer Capacity Charges					500	1,100		1,600	1,600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	500	1,100	-	-	1,600
Financed by:								
Developer Capacity Charges				500	1,100			1,600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The lands bounded by CNR Rivers, CPR La Riviere/Kenaston Boulevard, McCreary Road and McGillivray Boulevard will require additional land drainage capacity in the very near future due to expected development in the area. The optimum means to providing this additional capacity as determined by the South Tuxedo Land Drainage Study is to construct a stormwater retention basin in lands located west of Kenaston Boulevard opposite Rothwell Road (Inland Site). The expected life of this asset is 75 years.



Project Name: **Charleswood & Wilkes South Land Drainage Project**

Centre No 52yy1507xx
Program Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Equity In Capital Assets Fund							1,000	1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000
Financed by:								
Equity In Capital Assets Fund						1,000		1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purpose of this program is to upgrade or construct components of the land drainage system in the Charleswood and Wilkes South areas to help alleviate long term drainage and overland flooding problems. The total cost of this project is estimated at $9 million. The expected life of the assets will be between 50 and 100 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Harstone Outfall**

Centre No.: 5202140702
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	860	-	-	-	-	-	-	860
Financed by:									
Equity In Capital Assets Fund		860						-	860

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	860	-	-	-	-	-	-	860
Financed by:								
Equity in Capital Assets Fund	860							860

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	30	86	86
SURPLUS/(DEFICIT)	(30)	(86)	(86)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A preliminary finding of the Charleswood Land Drainage Study (underway) is that the Harstone land drainage outfall and associated pipe from the Assiniboine River to immediately south of Roblin Boulevard is in serious need of replacement due to its limited size, which causes ditch flooding along Harstone Road and other intersecting roadways. This project will involve the replacement of the outfall and pipe in order to improve the capacity of the ditch drainage system in the area and provide an appropriate outfall for a future trunk pipe in Harstone Boulevard.

The expected life of this asset is 50 years.

Project Name: **Kildare Trunk Permanent Flood Pumping Station**

Centre No: 52yy0907xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Land Drainage and Flood Protection (3D-08)

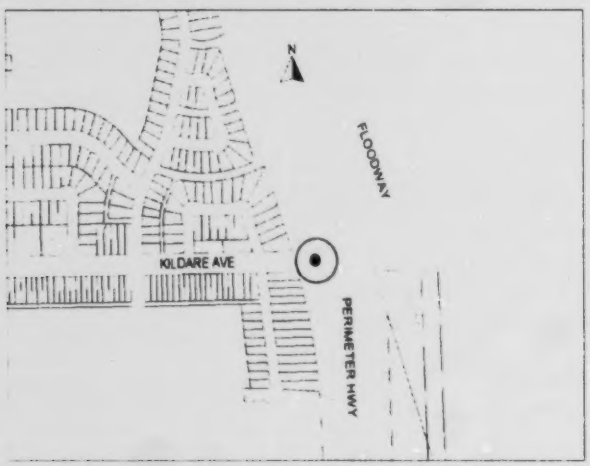
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	500	-	500	500
Financed by:									
Equity In Capital Assets Fund						500		500	500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	500	-	-	500
Financed by:								
Equity In Capital Assets Fund					500			500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes construction of a permanent pumping station at the outfall of the Kildare Land Drainage Trunk Sewer to the Red River Floodway to allow discharge of land drainage runoff from snowmelt and rainfall under high Floodway level conditions. The station will serve a large catchment area (1820 hectares) where use of smaller temporary pumps present logistical and reliability difficulties. The expected life of the structure is 75 years and the expected life of the pumps is 20 years.



Project Name: **Combined Sewer Renewals**

Centre No.: 5202060101
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	12,080	11,080	11,080	11,080	11,080	11,080	55,400	67,480
Financed by:									
Combined Sewer Renewal Reserve		12,080	11,080	11,080	11,080	11,080	11,080	55,400	67,480

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	12,080	11,080	11,080	11,080	11,080	11,080	-	67,480
Financed by:								
Combined Sewer Renewal Reserve	12,080	11,080	11,080	11,080	11,080	11,080		67,480

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to replace and/or rehabilitate deteriorating combined sewer infrastructure. Sewers will be replaced or rehabilitated using appropriate technologies, based on condition assessment determined through video inspection. A portion of the funding will be used for condition assessment. The expected remaining life of each rehabilitated sewer ranges from 20 to 100 years, depending on the rehabilitation technology and the asset condition.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Outfall Maintenance**

Centre No 5202140101
Program Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,834	500	200	200	200	200	200	1,000	1,500
Financed by:									
Equity In Capital Assets Fund		500	200	200	200	200	200	1,000	1,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	500	200	200	200	200	200	-	1,500
Financed by:								
Equity In Capital Assets Fund	500	200	200	200	200	200		1,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	18	58	79
SURPLUS/(DEFICIT)	(18)	(58)	(79)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rehabilitation of sewer outfalls, to repair piping and remedy riverbank instability and/or failure. A condition assessment has been completed in 1998, to provide a prioritization of repairs for outfalls throughout the City. Outfall repairs will focus on the outfalls that require most immediate attention, some of which experienced damage from the high river elevations and ice flows experienced in 1996 and 1997.

The expected life of this asset is 50 years.

Project Name: **Long Term Zebra Mussel Mitigation**

Centre No: 51yy0207xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	1,000	-	-	-	1,000	1,000
Financed by:									
Retained Earnings				1,000				1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	300	300	400	-	-	1,000
Financed by:								
Retained Earnings			300	300	400			1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Zebra mussels have existed in the Great Lakes since 1986. Their rapid population growth and steady infestation of surrounding bodies of fresh water has created extensive operating problems and costs to utilities withdrawing fresh water from such areas. The City recognizes that Shoal Lake could be infested with zebra mussels. Accordingly, upgrading the Shoal Lake Intake Facilities is required to mitigate potential zebra mussel problems. Upgrading to provide mitigative measures may be implemented for short and long term control. Under previous capital budgets short term mitigative measures involving chemical treatment are being implemented. Engineering studies concerning long term mitigative measures will be carried out and may include physical measures which will reduce dependence on chemical control.

The expected life of this asset is 25 years.

Project Name: **Shoal Lake Aqueduct Condition Assessment and Rehabilitation**

Centre No 51yy0307xx
Program Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	47,007	6,100	3,900	-	-	-	-	3,900	10,000
Financed by:									
Aqueduct Rehabilitation Reserve		6,100	3,900					3,900	10,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	6,100	3,900	-	-	-	-	-	10,000
Financed by:								
Aqueduct Rehabilitation Reserve	6,100	3,900						10,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Shoal Lake Aqueduct which has been in service for 82 years delivers water to Winnipeg from Shoal Lake, a distance of 156 kilometres (97 miles). A comprehensive condition reassessment of the Main Aqueduct reach of the Shoal Lake Aqueduct (Intake to Deacon Reservoir) was undertaken for its entire length from late 1992 to the fall of 1995. The Aqueduct in this reach, though generally in good to excellent condition, is in need of rehabilitation to address buoyancy problems in the upper reaches from Mile 87 to Mile 95, significant longitudinal cracking and sulphate deterioration from Mile 17 to Mile 26 and inadequacies of the overflow structure at Mile 17 as well as its associated downstream watercourse.

A comprehensive condition assessment of the Branch I Aqueduct reach of the Shoal Lake Aqueduct (Deacon Reservoir to the McPhillips Reservoir) was undertaken for its entire length from the fall of 1994 to the spring of 1996. The Aqueduct in this reach, though generally in good to excellent condition, is in need of rehabilitation to address leaking joints, a shortage of access/inspection manholes on the underdrain system as well as the cleaning and repair of same, and deterioration and inadequacies of the Tache Booster Pumping Station and Surge Tower.

Funding in 2002-2003 is for the engineering and construction of the rehabilitation works.

The expected life of this rehabilitated asset is 50 years.

Project Name: **Saskatchewan Avenue Feedermain**

Centre No.: 51yy0707xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

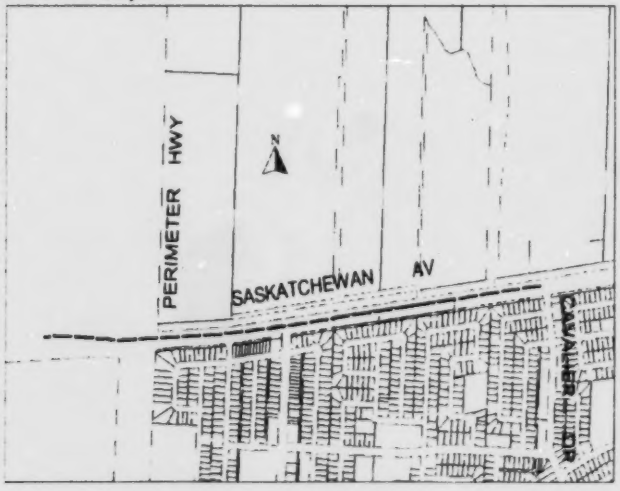
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,163	-	-	1,163	1,163
Financed by:									
Retained Earnings					1,163			1,163	1,163

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	1,163	-	-	-	1,163
Financed by:								
Retained Earnings				1,163				1,163

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Urban development of the lands within the City and west of the Perimeter Highway will require an extension of the water distribution system to provide a looped supply. The funds included are to provide for a watermain between Cavalier Drive and a point 500 metres west of PTH 101 on Saskatchewan Avenue. It is expected that watermains required within the development lands to complete the loop will be oversized by developers. The expected life of this asset is over 50 years.



Project Name: **Water Treatment Plant - Functional & Detailed Design & Construction**

Centre No: 51yy0807xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,042	6,000	26,000	84,000	80,000	-	-	190,000	196,000
Financed by:									
Water Treatment Reserve		6,000	26,000	50,000	12,000			88,000	94,000
Debenture				34,000	68,000			102,000	102,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	6,000	26,000	84,000	80,000	-	-	-	196,000
Financed by:								
Water Treatment Reserve	6,000	26,000	50,000	12,000				94,000
Debenture			34,000	68,000				102,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 1994, Council adopted the recommendation that the City plan for water treatment to protect public health by controlling disinfection by-products and pathogens, and to meet more stringent water quality guidelines. A Water Treatment Reserve Fund was also created to provide approximately 50% cash at the time of construction. Between 1994 and 2000, $5.0 million in funding was approved for pilot studies, conceptual design, preliminary engineering, and pre-design. In 1999, the technical work was completed and a Council Seminar was conducted to present a summary of water quality guidelines, public health risks and consequences, recommended water treatment process, and cost and financing of a water treatment plant. Also in October 1999, a special meeting of the Executive Policy Committee (EPC) was held to gather public input on the need to construct a water treatment plant. The final report recommending the water treatment program was considered by EPC on October 11, 2000. Council approved the recommended water treatment program on November 22, 2000. The water treatment plant is proposed to be in-service in 2006 at an estimated project cost of $204 million.

Currently, two new technologies are being studied and pilot tested to determine design parameters, costs, and benefits which may reduce the capital cost.

The expected life of this asset is over 50 years.

Project Name: **GWWD Railway Bridge Replacement**

Centre No.: 51yy1207xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	900	530	-	-	-	-	550	550	1,080
Financed by:									
Retained Earnings		530					550	550	1,080

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	130	400	-	-	-	550	-	1,080
Financed by:								
Retained Earnings	130	400				550		1,080

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project involves the replacement of the timber bridge at Mile 73.7 (McMunn) with a salvaged steel span and the procurement of an additional span in 2002, and the replacement of the timber bridge at Mile 77.4 (East Braintree) with a new structure in 2007. The timber bridges are rotting with age.

The GWWD Railway line, which parallels the main aqueduct from Winnipeg to Shoal Lake, provides for maintenance of the aqueduct along its entire length and delivery of vital goods and services to Shoal Lake required to protect the quality and safety of the City's water supply.

The expected life of these assets is 50 years.

Project Name: **Lagimodiere Boulevard Feedermain Extension**

Centre No 51yy0707xx
Program Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,300	-	-	1,300	1,300
Financed by:									
Retained Earnings					1,300			1,300	1,300

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	1,300	-	-	-	1,300
Financed by:								
Retained Earnings				1,300				1,300

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds included for the project are to increase the level of water service and fire protection to the Island Lakes area and permit further development. The development agreement has identified a school site within the proposed development that requires the extension of this feedermain to provide the required fire protection. The expected life of this asset is over 50 years.

Project Name: **McPhillips Pumping Station - Natural Gas Engine Replacement**

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,250	750	-	2,000	2,000
Financed by:									
Retained Earnings					1,250	750		2,000	2,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	1,250	750	-	-	2,000
Financed by:								
Retained Earnings				1,250	750			2,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The McPhillips Pumping Station has two natural gas engine driven pumps which are approximately thirty years old and are requiring more frequent and extensive repairs. The cost of the repairs is becoming substantive such that replacement of these two units will be necessary in this timeframe.

Funding is for the engineering and the supply and replacement of the two engines and pumps.

The expected life of this asset is 30 years.

Project Name: **MacLean Pumping Station - Natural Gas Engine Replacement**

Centre No 51yy0607xx
Program Infrastructure

Capital Priority Rating 5 - 4
Plan Winnipeg Indicator Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	2,000	-	-	2,000	2,000
Financed by:									
Retained Earnings					2,000			2,000	2,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	2,000	-	-	-	2,000
Financed by:								
Retained Earnings				2,000				2,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The MacLean Pumping Station has two natural gas engine driven pumps which are approximately thirty years old and are requiring more frequent and extensive repairs. The cost of the repairs is becoming substantive such that replacement of these two units will be necessary in this timeframe.

Funding is for the engineering and the supply and replacement of the two engines and pumps.

The expected life of this asset is 30 years.

Project Name: **Water Supervisory Control and Data Acquisition (SCADA) Replacement**

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,275	-	-	-	-	1,275	1,275
Financed by:									
Retained Earnings			1,275					1,275	1,275

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	1,275	-	-	-	-	-	1,275
Financed by:								
Retained Earnings		1,275						1,275

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing water supervisory control and data acquisition (SCADA) computer hardware and software components are becoming obsolete, as they are no longer available nor supported and as new technology, equipment and software become the industry standard. With a fully automated water system, computer hardware and software replacement are essential for the supply and distribution of water.

The expected life of this asset is 10 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Computerized Work Management System**

Centre No: 51yy1407xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,485	350	275	275	-	-	-	550	900
Financed by:									
Retained Earnings		350	275	275				550	900

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	240	200	200	145	115	-	-	900
Financed by:								
Retained Earnings	240	200	200	145	115			900

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A Computerized Work Management System is an enabler for the Wastewater and Water Services Divisions to implement improvements to the existing work practices resulting in the more effective delivery of municipal services. The Project is expected to achieve cost reductions in the current budget to offset the operating and maintenance costs of other initiatives such as wastewater disinfection, odour control and watermain swabbing. The cost of supporting the proposed computer system is also expected to be offset by operational savings. The Computerized Work Management System will replace the 30 year old Maintenance Management System currently being used by the Water Services Division for tracing crew performance and budget information. The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The Project goals endeavour to meet the expectations outlined in the Reinventing Government directive produced by the Executive Policy Committee.

Project Name: **Chlorine System Improvement**

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	100	900	-	-	-	1,000	1,000
Financed by:									
Retained Earnings			100	900				1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	100	900	-	-	-	-	1,000
Financed by:								
Retained Earnings		100	900					1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Regulating trends in the U.S.A. are requiring that ventilation systems from chlorine feed and containment facilities scrub discharge air to remove chlorine compounds prior to emission to the atmosphere. In anticipation of similar requirements being instituted in Canada, funds have been identified to provide for vent scrubbing at the first of the City's three regional water pumping stations. Funding for the remaining stations will be identified in subsequent budget years.

The expected life of this asset is 25 years.

Project Name: **Branch II Aqueduct - Valves at Interconnection**

Centre No: 51yy0407xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

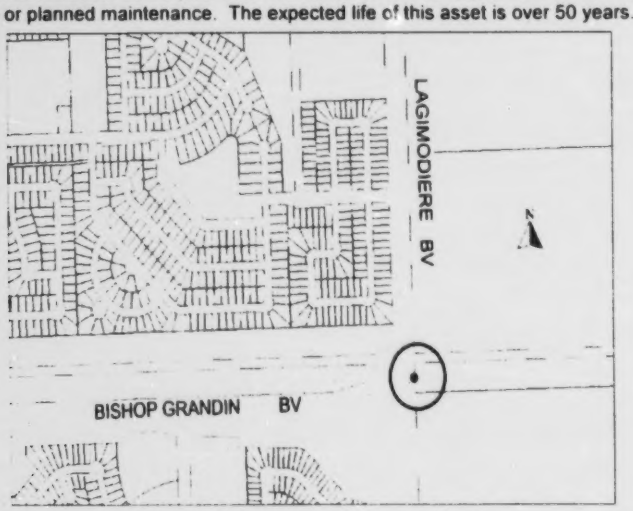
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	100	1,200	-	1,300	1,300
Financed by:									
Retained Earnings					100	1,200		1,300	1,300

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	100	1,200	-	-	1,300
Financed by:								
Retained Earnings				100	1,200			1,300

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds included for this project are to increase the reliability and operation of the Branch II Aqueduct which was constructed in the early 1960's. Risk management scenario planning identified that by installing two valves on the Branch II Aqueduct at the interconnection location, significant water supply advantages can be realized. Given that future maintenance will be required, valves on the Branch II aqueduct are required to facilitate emergency repairs or planned maintenance. The expected life of this asset is over 50 years.



Project Name: **Tache Booster Pumping Station Upgrading**

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

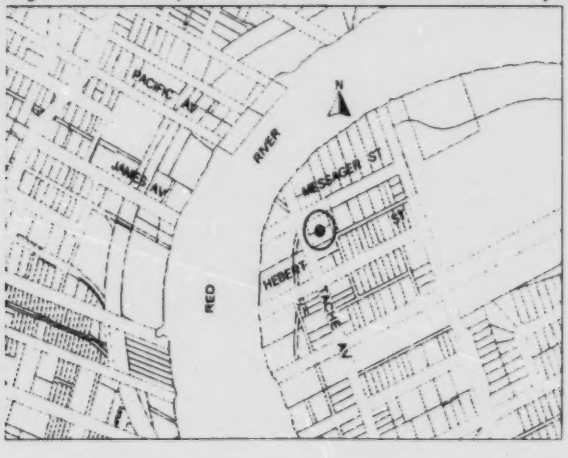
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Retained Earnings							1,000	1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000
Financed by:								
Retained Earnings						1,000		1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Tache Booster Pumping Station and Surge Tower on the Branch 1 Aqueduct was constructed in 1950 in order to develop the full capacity of the Aqueduct. Recently, a study identified a number of required upgradings to the pumping station and surge tower. The upgradings requiring immediate attention, which included the replacement of hydraulically limiting control valves within the station and the repair of the severely deteriorated surge tower roof, are currently being done under the Shoal Lake Aqueduct Rehabilitation Program. The remaining work, which is planned for 2007, includes upgrading of the station electrical, heating and ventilation systems, and a reconfiguration of the valving and piping between the pumping station and the surge tower. The expected life of this rehabilitated asset is 50 years.



WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Shoal Lake Aqueduct Intake Structure Condition Assessment**

Centre No.: 51yy0307xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	200	800	1,000	1,000
Financed by:									
Retained Earnings						200	800	1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	200	800	-	1,000
Financed by:								
Retained Earnings					200	800		1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Shoal Lake Aqueduct, which has been in service since 1919, is the sole water supply infrastructure for the City. The Shoal Lake Intake Structure is the transition headworks to receive water from Shoal Lake and to control the water flow into the Aqueduct. The control of water flow is absolutely critical to the safe operation of the Aqueduct, as the Aqueduct was designed to operate as a non-surcharged pipe. The intake structure has a number of mechanical gate and screening components and related features that date back to the original construction. Given the necessity and critical nature of the intake structure to the safe operation of the Aqueduct and the City's water supply, a condition assessment is required to determine future rehabilitation and replacement requirements.

The expected life of this rehabilitated asset is 50 years.

Project Name: **Disraeli Feedermain Condition Assessment**

Centre No.: 51yy0707xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Protect and Manage Potable Water Supply and Source (3D-05)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	100	-	-	-	100	100
Financed by:									
Retained Earnings				100				100	100

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	100	-	-	-	-	100
Financed by:								
Retained Earnings			100					100

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Disraeli Feedermain crosses the Red River on the underside of the existing Disraeli Freeway bridge structure. The Public Works Department is proposing bridge deck rehabilitation in 2005. Therefore, a feedermain condition assessment is required to determine if any rehabilitative work to the feedermain should be considered prior to or during the bridge works. Significant leak repairs have been made to the feedermain in the past five years. In consideration of the feedermain's age (40 years), recent corrosion failures, and exposure to the elements, it is timely to undertake a condition assessment of the feedermain to determine future rehabilitation or replacement requirements. The expected life of this rehabilitated asset is 40 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Watermain Renewal Program**

Centre No: 52yy21xxxx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	9,000	7,000	7,000	7,000	7,000	7,000	35,000	44,000
Financed by:									
Watermain Renewal Reserve		9,000	7,000	7,000	7,000	7,000	7,000	35,000	44,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	9,000	7,000	7,000	7,000	7,000	7,000	-	44,000
Financed by:								
Watermain Renewal Reserve	9,000	7,000	7,000	7,000	7,000	7,000		44,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to replace and/or rehabilitate deteriorating watermain infrastructure. Funding is used for watermain replacement, cathodic protection, valve and hydrant replacement/rehabilitation, correction of dead end mains, upgrading of substandard mains, and hydraulic improvements for fire protection purposes. The expected remaining life of each rehabilitated watermain ranges from 20 to 80 years, depending on the rehabilitation technology and the asset condition.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Primary Clarifier Covers - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0213xx
Program: Infrastructure

Capital Priority Rating: 5 - 1
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	-	300	6,900	-	-	-	7,200	7,200
Financed by:									
Retained Earnings			300	6,900				7,200	7,200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	300	3,000	3,900	-	-	-	7,200
Financed by:								
Retained Earnings		300	3,000	3,900				7,200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The three uncovered primary clarifiers of the NEWPCC have been identified as one of the remaining sources of odour at the site. The results of the odour audit conducted at the treatment facility in 1993 and 1994 have indicated however that the uncovered primary clarifiers are a low priority for mitigation compared to other more persistent and intense odour sources. Funding requirements for covering the primary clarifiers have therefore been deferred to permit completion of other odour mitigation work. Following mitigation of more persistent and intense odour sources, site odours will again be assessed to determine the necessity for covering the primary clarifiers from an odour control standpoint. Covering the clarifiers is also favoured to facilitate operational flexibility and maintenance.

The expected life of this asset is 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Wastewater Disinfection - North End Water Pollution Control Centre (NEWPCC)**

Centre No: 51yy0217xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	6,613	8,520	-	-	-	-	-	-	8,520
Financed by:									
Environmental Projects Reserve		8,520						-	8,520

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	3,767	4,753	-	-	-	-	-	8,520
Financed by:								
Environmental Projects Reserve	3,767	4,753						8,520

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of Public Hearings concerning surface water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment, which were adopted in 1993, which would necessitate disinfection of effluent from the three regional wastewater treatment plants in Winnipeg prior to discharge to the Red and Assiniboine Rivers. Implementing disinfection will address a long standing criticism of the City's pollution control initiatives and will result in compliance with the objectives during dry weather periods. Implementation of the recommendations of the Clean Environment Commission will require funding for Engineering and Construction.

The expected life of the structure is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Chlorine System Improvements - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0216xx
Program: Infrastructure

Capital Priority Rating: 5 - 1
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	200	2,800	-	-	-	3,000	3,000
Financed by:									
Retained Earnings			200	2,800				3,000	3,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	200	2,800	-	-	-	-	3,000
Financed by:								
Retained Earnings		200	2,800					3,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Chlorine is added at the headworks of the NEWPCC as one of the means of controlling the adverse effects of nuisance odour emissions in the adjoining community. Recent pilot odour control investigations at the NEWPCC have resulted in a recommendation to increase the chlorine application rate. Chlorine is currently transported to the NEWPCC site and fed from rail tank cars. With increased application rates, the number of tank cars will approximately double. In consideration of the increased chlorine usage and emerging regulatory requirements, funds are required to provide containment for the railway tank cars and scrubbing of ventilation air from the containment facility prior to discharge to the atmosphere.

The expected life of this asset is 25 years.

Project Name: **Outfall Capacity & Flood Protection Upgrading - North End Water Pollution Control Centre (NEWPCC)**

Centre No: 51yy0207xx
Program: Infrastructure
Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	750	1,000	-	1,750	1,750
Financed by:									
Retained Earnings					750	1,000		1,750	1,750

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	750	1,000	-	-	1,750
Financed by:								
Retained Earnings				750	1,000			1,750

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds budgeted are required for upgrading of the NEWPCC outfall. Under certain conditions, including those experienced during high river levels, the outfall discharge capacity is undersized in comparison to the treatment capacity, limiting the output of the treatment process. This situation will become progressively worse with additional development and expansion. Upgrading of the outfall will remove the bottleneck and allow for the full treatment capacity to be utilized. The upgrading will result in a reduced volume of combined sewer overflows being discharged to the river. Modifications will also permit pumping at full capacity during high river levels to minimize the possibility of basement flooding within areas contributing to the NEWPCC.

The expected life of this asset is 50 years.

Project Name: **High River Level (Flood) Protection - South End Water Pollution Control Centre (SEWPCC)**

Centre No.: 51yy0307xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	300	1,700	-	-	-	-	1,700	2,000
Financed by:									
Retained Earnings		300	1,700					1,700	2,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	300	1,700	-	-	-	-	-	2,000
Financed by:								
Retained Earnings	300	1,700						2,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Under high river level conditions, the outlet capacity of the SEWPCC is limited which correspondingly reduces the ability to handle wastewater flows received at the facility. Modifications to the outfall piping are required to permit pumping at full capacity during high river levels to minimize the possibility of basement flooding within areas contributing to the SEWPCC.

The expected life of this asset is 50 years.

Project Name: **Capacity Study/Preliminary Engineering - South End Water Pollution Control Centre (SEWPCC)**

Centre No.: 51yy0311xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	300	1,600	1,600	-	-	-	3,200	3,500
Financed by:									
Retained Earnings		300	1,600	1,600				3,200	3,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	300	1,600	1,600	-	-	-	-	3,500
Financed by:								
Retained Earnings	300	1,600	1,600					3,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

It is projected that the primary clarification operation will be at or near capacity by the year 2005 and that the secondary treatment process will be at capacity prior to 2005 at the SEWPCC. The funds budgeted are to undertake a capacity study to confirm that the plant expansion is necessary, and to commence preliminary engineering.

The expected life of the structure is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Primary Clarifier Expansion - South End Water Pollution Control Centre (SEWPCC)**

Centre No.: 51yy0313xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	250	8,500	-	-	-	-	8,500	8,750
Financed by:									
Retained Earnings		250	8,500					8,500	8,750

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	250	8,500	-	-	-	-	-	8,750
Financed by:								
Retained Earnings	250	8,500						8,750

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

It is projected that by the year 2005 the primary clarifier operation at the SEWPCC will be at or near capacity. The funds budgeted are to undertake engineering design and construction of an additional primary clarifier. The requirement for the additional primary clarifier will be confirmed during undertaking of a capacity study on the SEWPCC process components including performance testing. (Under separate budget item).

The expected life of the structure is 50 years and the expected life of the mechanical components is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Wastewater Disinfection - West End Water Pollution Control Centre (WEWPCC)**

Centre No: 51yy0417xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	520	-	800	980	950	-	-	2,730	2,730
Financed by:									
Environmental Projects Reserve			800	980	950			2,730	2,730

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	980	1,750	-	-	-	2,730
Financed by:								
Environmental Projects Reserve			980	1,750				2,730

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of Public Hearings concerning surface water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment, which were adopted in 1993, which would necessitate disinfection of effluent from the three regional wastewater treatment plants in Winnipeg prior to discharge to the Red and Assiniboine Rivers. Implementing disinfection will address a long standing criticism of the City's pollution control initiatives and will result in compliance with the objectives during dry weather periods. Implementation of the recommendations will require funding for Engineering and Construction.

The expected life of the structure is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Lift Stations Upgrading**

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,693	250	250	250	250	250	250	1,250	1,500
Financed by:									
Retained Earnings		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	250	250	250	250	250	250	-	1,500
Financed by:								
Retained Earnings	250	250	250	250	250	250		1,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is part of a continuing program for mitigating hydraulic, structural, safety, odour and aesthetic problems as required at the 95 lift stations and related works in the sewage collection system. For maximum effectiveness the program must be on a planned and continuous basis.

The Water and Waste Department has determined that the level of funding to maintain the existing lift stations is estimated at $250,000 per year. Due to the cyclical nature of maintenance requirements, the program is assessed on an annual basis and budget requirements may be adjusted in the future according to need.

The expected life of this asset is 50 years.

Project Name: **Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation**

Centre No.: 51yy0807xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,120	1,000	5,000	5,000	5,000	5,000	5,000	25,000	26,000
Financed by:									
Environmental Projects Reserve		1,000	5,000	5,000	5,000	5,000	5,000	25,000	26,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	1,000	5,000	5,000	5,000	5,000	5,000	-	26,000
Financed by:								
Environmental Projects Reserve	1,000	5,000	5,000	5,000	5,000	5,000		26,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of Public Hearings concerning water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment which required the City to undertake a Combined Sewer Overflow (CSO) Study. The results of this study will be considered in establishment of environmental regulation for CSO's.

Funds budgeted are for completion of the regulatory process, annual monitoring programs, pilot studies, and initiation of a potential long-term control program.

In addition, a portion of the funding will be used to assess the requirements and to develop and acquire a supervisory control and data acquisition (SCADA) system for the regional wastewater collection system. The SCADA system will enable efficient and effective provision of service consistent with the wastewater treatment and water supply and distribution services. The technology, which will be applied to remote wastewater pumping stations, flood pumping stations and other critical monitoring points, will enable remote monitoring and control, increase reliability of the service and reduce attendance by work crews.

The expected life of the sewer works is 50 years and the expected life of the SCADA system is 10 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Warde Interceptor Sewer**

Centre No.: 51yy0907xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

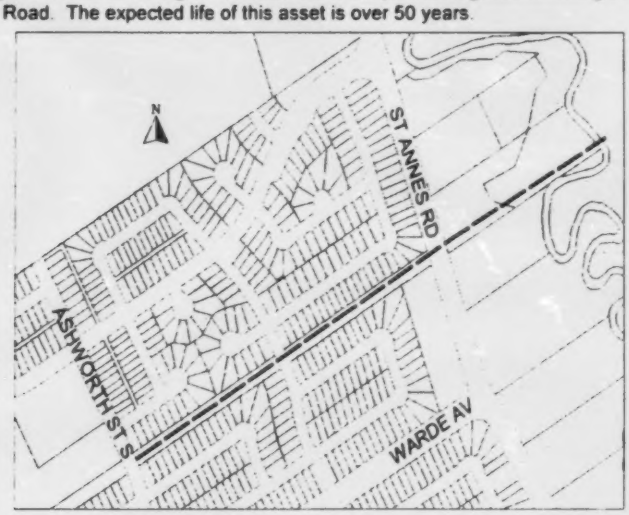
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,300	-	-	-	-	1,300	1,300
Financed by:									
Retained Earnings			1,300					1,300	1,300

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	1,300	-	-	-	-	-	1,300
Financed by:								
Retained Earnings		1,300						1,300

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds budgeted are for engineering design and construction of an extension of the Warde Avenue Secondary Sewer from its present terminus at Ashworth Street. The extension will proceed easterly along the hydro right-of-way to a point on the future Warde Avenue alignment on the east side of the Seine River, approximately 1410 metres in length. This extension will provide regional servicing for projected development east of the Seine River and south of John Bruce Road. The expected life of this asset is over 50 years.



WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Inflow/Infiltration/Cross-Connection Study and Mitigation**

Centre No.: 51yy0807xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	700	1,300	-	2,000	2,000
Financed by:									
Retained Earnings					700	1,300		2,000	2,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	700	1,300	-	-	2,000
Financed by:								
Retained Earnings				700	1,300			2,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves locating and identifying sources of the extraneous flows entering the sewer system, and installing mitigative measures such that basement flooding is minimized during high river levels. During high river levels, several areas of the City have been identified where land drainage sewer system cross-connections may exist with the wastewater sewer system. Further, areas where other sources of extraneous flow (such as inflow and infiltration) are suspected, will be investigated.

The expected life of this asset is 50 years.

Project Name: **Sewer System Isolation in Areas Protected by Secondary Dikes**

Centre No.: 51yy0807xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,000	-	-	1,000	1,000
Financed by:									
Retained Earnings					1,000			1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	1,000	-	-	-	1,000
Financed by:								
Retained Earnings				1,000				1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves isolating the sewer system in areas protected by secondary dikes, from the remainder of the sewer system behind the primary dikes. This will involve one of three types of work for different locations:

1. Installation of gate valves on the house sewer connection;
2. Installation of sump pits and pumps and backwater valves in each property, or;
3. Installation of parallel sewer mains in streets.

The purpose of installing these works is to prevent complete flooding of a sewer district behind a primary dike should a secondary dike breach occur and flood the properties between the secondary and primary dikes.

The expected life of this asset is 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Computerized Work Management System**

Centre No: 51yy1407xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,685	350	275	275	-	-	-	550	900
Financed by:									
Retained Earnings		350	275	275				550	900

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	240	200	200	145	115	-	-	900
Financed by:								
Retained Earnings	240	200	200	145	115			900

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A Computerized Work Management System is an enabler for the Wastewater and Water Services Divisions to implement improvements to the existing work practises resulting in the more effective delivery of municipal services. The Project is expected to achieve cost reductions in the current budget to offset the operating and maintenance costs of other initiatives such as wastewater disinfection, odour control and watermain swabbing. The cost of supporting the proposed computer system is also expected to be offset by operational savings. The Computerized Work Management System will replace the 30 year old Maintenance Management System currently being used by the Water Services Division for tracing crew performance and budget information. The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The Project goals endeavour to meet the expectations outlined in the Reinventing Government directive produced by the Executive Policy Committee.

Project Name: **Boiler Replacements - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0207xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	250	250	-	700	-	-	950	1,200
Financed by:									
Retained Earnings		250	250		700			950	1,200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	250	250	-	700	-	-	-	1,200
Financed by:								
Retained Earnings	250	250		700				1,200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The central heating plant at the NEWPCC consisted of three water tube boilers and one larger fire tube boiler with a total capacity of 47 GJ/hr which matched the peak heating requirement but did not provide firm capacity. The three older water tube boilers have experienced a significant number of tube failures in recent years and there is a concern for their ability to provide reliable service. If one of them is out of service, the large fire tube boiler will be required to run on natural gas. If a second boiler fails, plant heating requirements could not be met.

A boiler replacement program has been developed in which the three old boilers will be replaced by four new boilers in a staged approach. The first new boiler was installed in the winter of 2000. The next three boilers should be installed in 2002, 2003 and 2005. There are residual funds from the first boiler installation which can be used to complete the installation of the second new boiler and a digester gas conditioner.

The expected life of these assets is 20 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Raw Sewage Pump Replacement - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0212xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	800	800	1,600	1,600
Financed by:									
Retained Earnings						800	800	1,600	1,600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	800	800	-	1,600
Financed by:								
Retained Earnings					800	800		1,600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The largest raw sewage pumps (700 hp) at the NEWPCC (MP 2,3,4 & 6) were installed in 1963. MP 3 & 6 have constant speed motors and MP 2 & 4 are variable speed with liquid slip regulators. Due to obsolescence, repair parts will be difficult to obtain and may have to be hand fabricated. Failure of one of these pumps would reduce firm capacity by 22% and could result in raw sewage bypassing treatment. Funding will be required for engineering, design, equipment supply and installation.

The expected life of this asset is 25 years.

Project Name: **Biosolids - Alternative Disposal Study**

Centre No.: 51yy0215xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	400	600	-	-	1,000	1,000
Financed by:									
Retained Earnings				400	600			1,000	1,000

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	400	600	-	-	-	1,000
Financed by:								
Retained Earnings			400	600				1,000

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg is seeking to amend its current sludge disposal licence to allow for repeat application of sludge after a certain period of time and to obtain continual approval for current application rates and winter spreading. If the Province does not approve the City's request and actually changes its regulations to limit sludge application rates to agronomic rates and prohibits winter spreading, the City will have to study and implement alternate sludge management and disposal methods. Funds included are for engineering study and design of alternatives to current sludge management and disposal methods.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Centrate Treatment - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0214xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	10,000	-	-	-	10,500	10,500
Financed by:									
Environmental Projects Reserve			500	10,000				10,500	10,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	500	3,000	7,000	-	-	-	10,500
Financed by:								
Environmental Projects Reserve		500	3,000	7,000				10,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes design and construction of a relatively small activated sludge system operating independently of the existing mainstream high purity oxygen (HPO) wastewater treatment process. The purpose of this system would be to nitrify the high ammonia concentration in the centrate sidestream. Centrate is removed from biosolids from all three water pollution control centres (WPCCs) during the dewatering process and has a high concentration of ammonia. Current practice is to return the centrate directly back into the North End Water Pollution Control Centre (NEWPCC). Based on conceptual design work completed to date, this system would provide an average 30% reduction in the ammonia concentration in the treated effluent discharged to the Red River. The expected life of this asset is 40 years.

Project Name: **Montcalm Pumping Station & Forcemain Upgrade**

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

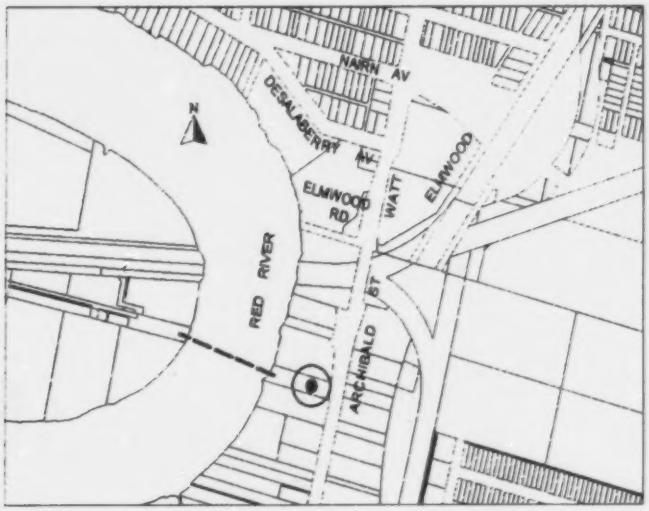
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	700	-	-	-	-	-	-	700
Financed by:									
Retained Earnings		700						-	700

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	700	-	-	-	-	-	-	700
Financed by:								
Retained Earnings	700							700

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds included are for the upgrading of the Montcalm forcemain river crossing due to corrosion of the existing steel pipe. The intent is to install a non-corrosive liner in the existing pipe thus reducing the possibility of spilling sewage into the river due to forcemain failure. The expected life of this asset is 50 years.



Project Name: **Mager Drive Pumping Station Upgrade**

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

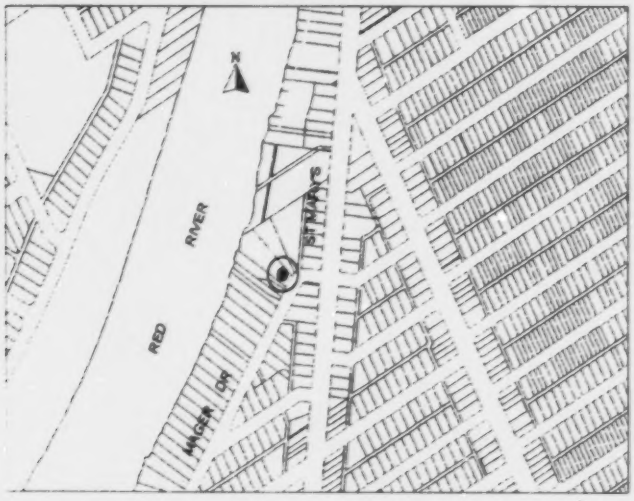
AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	600	-	-	-	-	-	-	600
Financed by:									
Retained Earnings		600						-	600

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	600	-	-	-	-	-	-	600
Financed by:								
Retained Earnings	600							600

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds included are required to increase the physical size of the Mager Drive pumping station. Due to increased flows to the station, the size and capacity of the pumps and piping were increased. However, because of the physical size of these improvements, it is now necessary to increase the size of the pump and motor rooms as well as the intake to the sump. The expected life of this asset is 50 years.



Project Name: **Northeast Interceptor Extension - Regent to Dugald**

Centre No.: 51yy0707xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	5,500	5,500	5,500
Financed by:									
Retained Earnings							5,500	5,500	5,500

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	-	-	-	-	-	5,500	-	5,500
Financed by:								
Retained Earnings						5,500		5,500

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds budgeted are for engineering design and construction of an extension of the Northeast Interceptor from its present terminus at Regent Avenue to the Dugald Interceptor at the corner of Dugald Road and Lagimodiere Boulevard. The Dugald Interceptor is temporarily connected to the Mission Sewer District, an area prone to combined sewer overflows to the Red River. Wastewater from the Dugald Interceptor catchment area contributes to the strength and quantity of these overflows, and development and expansion will make the situation progressively worse. Extending the Northeast Interceptor to accommodate the connection from the Dugald Interceptor will reduce the number of combined sewer overflows while increasing the available capacity of both the Dugald Interceptor and the downstream system in the Mission Sewer District. The expected life of this asset is 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **River Water Quality Hearings**

Centre No.: 51yy0507xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Provide Wastewater Management (3D-06)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	-	-	-	-	-	-	200
Financed by:									
Environmental Projects Reserve		200						-	200

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Environmental Projects Reserve	200							200

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves collaboration with the Provincial Government in developing a site specific protective ammonia criteria for cool water aquatic life in the Red and Assiniboine Rivers. This work is an extension of the Ammonia Study, a previous Capital Program and the recommendations of the Clean Environment Commission in 1992. It is expected that the project will include a series of workshops with the Provincial Government and ultimately result in public hearings in 2002.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Wastewater Sewer Renewals**

Centre No.: 52yy210xxx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Planned Development, Transportation, and Infrastructure - Commit Foremost to the Maintenance and Renewal of Existing Infrastructure (3D-01)

AUTHORIZATION	Previous Budgets	2002 Adopted	FORECAST 2003	2004	2005	2006	2007	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	420	420	420	420	420	420	2,100	2,520
Financed by:									
Wastewater Sewer Renewal Reserve		420	420	420	420	420	420	2,100	2,520

CASH FLOW	2002	2003	2004	2005	2006	2007	Beyond 2007	Total
Project Costs ($000's)	420	420	420	420	420	420	-	2,520
Financed by:								
Wastewater Sewer Renewal Reserve	420	420	420	420	420	420		2,520

NET OPERATING IMPACT	2002	2003	2004
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to replace and/or rehabilitate wastewater sewer infrastructure. Sewers will be replaced or rehabilitated using appropriate technologies, based on condition assessment determined through video inspection. The expected remaining life of each rehabilitated sewer ranges from 20 to 80 years, depending on the rehabilitation technology and the asset condition.

No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Winnipeg

EXHIBITS

2002 Annual
Capital Estimates

and

2003 to 2007
Five-Year Capital Forecast

Adopted by Council on February 11, 2002

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Exhibit 1: Excerpts from the City of Winnipeg 2000 Detailed Financial Statements, The General Capital Fund

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

The General Capital Fund was created to account for tax-supported capital transactions of The City of Winnipeg (The City). The capital program includes, but is not limited to, the acquisition and/or construction of streets, bridges, land drainage, parks and recreation facilities, police and fire department facilities, library facilities, civic buildings, major computer programs and related equipment and local improvements to name a few.

By March 31 of each year, Council is required under **The City of Winnipeg Act** to approve a budget for the General Capital Fund. The 2000 budget for the General Capital Fund of $72.4 million was a 22.9% decrease from the 1999 budget of $93.9 million. Capital expenditures in 2000 relating to 2000 and previous years capital budgets, decreased from $101.6 million in 1999 to $81.3 million in 2000.

Of the $81.3 million of total 2000 capital expenditures, $9.5 million were for costs relating to the Residential Street Renewal program which is partially funded by the Province of Manitoba ($3.0 million). Other significant projects contributing to 2000 expenditures were: $2.5 million for the initial design phase of the construction of the Provencher Bridge, $1.5 million for the reconstruction of Keewatin St., $1.5 million for the reconstruction of Notre Dame Avenue, and $1.0 million on the Land Based Information System.

No debenture (external) tax-supported borrowing authority was approved by Council for 2000 and no external borrowing authority has been projected to 2005. Internal financing from the Equity in Capital Assets Fund (formerly the General Reserve Fund) increased in 2000 by 1.32%. The Equity in Capital Assets Fund is increasing at a rate of about 8% per year with interest charges on capital financing and investment income contributing to the growth of the fund. Yearly internal financing from the Equity in Capital Assets Fund is forecasted to increase to $61.0 million in 2004, from $44.2 million in 2000.

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

FIVE-YEAR REVIEW

As at December 31
("$" amounts in thousands of dollars)

	2000	1999	1998	1997	1996
Capital Assets					
Property, plant and equipment					
Streets and bridges	$ 289,274	$ 305,372	$ 315,835	$ 329,307	$ 331,571
Special projects	126,823	120,824	112,425	107,633	96,137
Land drainage sewers	72,979	78,688	84,656	89,041	93,751
Culture and recreation	55,961	58,900	59,739	61,108	62,879
Civic accommodations	49,124	50,940	43,879	46,215	46,839
WDA/Core area initiative	48,805	51,622	47,113	46,102	45,733
Protection	36,302	37,079	30,542	27,901	29,502
Local improvements	9,824	11,726	14,109	16,752	20,219
Health and social development	7,481	8,473	12,039	11,720	11,580
Convention centre	3,435	3,670	3,894	4,108	4,311
	$ 700,008	$ 727,294	$ 724,231	$ 739,887	$ 742,522
% change in capital assets	-3.75%	0.42%	-2.12%	-0.35%	0.67%
Internal Financing					
Equity in Capital Assets Fund	$ 190,723	$ 188,234	$ 179,305	$ 164,741	$ 165,098
Land Operating Reserve	-	-	50	95	136
	$ 190,723	$ 188,234	$ 179,355	$ 164,836	$ 165,234
% change in internal financing	1.32%	4.95%	8.81%	-0.24%	9.61%
Debenture Debt					
Outstanding debenture debt	$ 609,724	$ 714,145	$ 671,398	$ 695,650	$ 638,677
Sinking fund reserve	(213,913)	(215,770)	(183,590)	(169,843)	(140,192)
Net debenture debt	$ 395,811	$ 498,375	$ 487,808	$ 525,807	$ 498,485
% change in net debenture debt	-20.58%	2.17%	-7.23%	5.48%	-6.70%
Capital lease obligation	$ 26,615	$ 27,141	$ 21,397	$ 20,401	$ 20,433
Other long-term debt	22,900	17,450	11,000	12,600	-
Other long-term debt	$ 49,515	$ 44,591	$ 32,397	$ 33,001	$ 20,433
Total long-term debt (including other long-term debt)	$ 636,049	$ 731,200	$ 699,560	$ 723,644	$ 684,152
Internal Debt as a % of Total Debt	29.99%	25.74%	25.64%	22.78%	24.15%

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

FIVE-YEAR REVIEW (continued)

As at December 31
("$" amounts in thousands of dollars)

	2000	1999	1998	1997	1996
Contributions and Transfers					
Province of Manitoba	$ 19,867	$ 17,883	$ 34,956	$ 26,837	$ 14,239
Combined Sewer Renewal Reserve	17,532	13,838	9,805	4,772	9,742
Other contributions	2,927	1,921	7,357	(72)	7,522
Government of Canada	303	1,189	885	7,126	2,066
	$ 40,629	$ 34,831	$ 53,003	$ 38,663	$ 33,569
Tax-supported Borrowing Authority approved by Council (excluding Transit)					
Equity in Capital Assets Fund	$ 44,284	$ 40,125	$ 38,400	$ 21,522	$ 33,500
Debenture	-	-	-	18,213	25,801
	$ 44,284	$ 40,125	$ 38,400	$ 39,735	$ 59,301
% change in borrowing authority	10.37%	4.49%	-3.36%	-32.99%	-11.92%
Total Tax-supported Capital Budget					
Tax-supported (excluding Transit)	$ 72,431	$ 93,908	$ 93,138	$ 61,471	$ 83,868
% change in tax-supported program	-22.87%	0.83%	51.52%	-26.71%	-11.69%
Total Tax-supported Capital Expenditures					
Tax-supported capital expenditures (excluding Transit)	$ 81,301	$ 101,638	$ 100,935	$ 82,554	$ 94,425
% change in tax-supported program	-20.01%	0.70%	22.27%	-12.57%	-37.34%

Tax-supported Borrowing Authority Forecast approved by Council (excluding Transit)

	2001	2002	2003	2004	2005
Equity in Capital Assets Fund	$ 48,400	$ 52,200	$ 56,400	$ 61,000	$ 61,000
% change in borrowing authority	9.29%	7.85%	8.05%	8.16%	0.00%

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

STATEMENT OF FINANCIAL POSITION

As at December 31
(in thousands of dollars)

	2000	1999
ASSETS		
Current		
Due from General Revenue Fund (Note 3)	$ -	$ 2,014
Accounts receivable (Note 4)	6,046	12,494
	6,046	14,508
Deferred charges (Note 5)	-	2,144
Capital assets (Note 6)	700,008	727,294
	$ 706,054	$ 743,946
LIABILITIES		
Current		
Due to General Revenue Fund (Note 3)	$ 55,404	$ -
Accounts payable and accrued liabilities (Note 7)	4,880	3,513
Current portion of long-term debt (Note 8)	51,284	55,864
	111,568	59,377
Long-term debt (Note 8)	584,765	675,336
Deferred liabilities	2,312	2,531
Developer deposits	6,308	5,656
Other deposits	1,101	1,046
	$ 706,054	$ 743,946

See accompanying notes and schedule to the financial statements

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

STATEMENT OF CASH FLOWS

For the years ended December 31
(in thousands of dollars)

	2000	1999
NET INFLOW (OUTFLOW) OF CASH RELATED TO THE FOLLOWING ACTIVITIES:		
OPERATING		
Non-cash charges to operations (recorded in the General Revenue Fund)		
Depreciation	$ 67,958	$ 63,668
Amortization of debenture discount	2,144	1,949
Amortization of provision for foreign exchange	-	853
Interest on funds on deposit with The Sinking Fund Trustees of The City of Winnipeg ("The Sinking Fund Trustees")	(11,154)	(9,738)
Working capital from operations	58,948	56,732
Net change in working capital other than cash	7,815	7,851
Net change in deferred liabilities and other deposits	488	764
	67,251	65,347
FINANCING		
Debenture issues	-	50,000
Debenture debt retired	(104,420)	(7,253)
Payments from The Sinking Fund Trustees for long-term debt retired	37,520	1,600
Payments to The Sinking Fund Trustees for outstanding long-term debt	(24,509)	(24,042)
Net increase in Equity in Capital Assets Fund debt	2,489	8,929
Due to General Revenue Fund	57,418	(39,994)
Other	4,923	12,220
	(26,579)	1,460
INVESTING		
Purchase of capital assets	(81,301)	(101,638)
Government of Canada capital grants	303	1,189
Province of Manitoba capital grants	19,867	17,883
Transfer from Combined Sewer Renewal Reserve	17,532	13,838
Transfer from General Revenue Fund	1,200	-
Other	1,727	1,921
	(40,672)	(66,807)
Cash, end of year	$ -	$ -

See accompanying notes and schedule to the financial statements

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

NOTES TO THE FINANCIAL STATEMENTS

As at December 31, 2000
(in thousands of dollars, except as noted)

1. Summary of Significant Accounting Policies

The preparation of periodic financial statements necessarily involves the use of estimates and approximations because the precise determination of financial data frequently depends upon future events. These financial statements have been prepared by management within reasonable limits of materiality and within the framework of accounting policies summarized below.

a) Basis of presentation

The General Capital Fund follows the fund basis of accounting. Funds are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions or limitations. The General Capital Fund was created to account for all financial transactions related to the City's tax-supported capital budget (excluding Transit).

b) Basis of accounting

The financial statements are prepared using the accrual basis of accounting.

c) Capital assets

Capital assets, including land, financed by the issue of debentures or internal financing through reserve funds, are recorded at the amount of the related outstanding debt obligations in the General Capital Fund. The interest and principal repayment on the debt is expensed in the General Revenue Fund.

Capital assets acquired under a capital lease, are recorded at the amount of the related obligation under the capital lease. The yearly financing charge is expensed in the General Revenue Fund or the appropriate utility fund.

Depreciation is recorded on the basis of reserve debt payments, serial debt payments, capital lease payments, sinking fund installments made and interest earned on the funds on deposit with The Sinking Fund Trustees. The effect of using this policy is that:

i) all capital assets, including land, financed through reserve funds, capital leases or the issue of debentures, are subject to depreciation, and
ii) assets are depreciated as they are funded which may not coincide with when the assets are actually put into service.

In certain circumstances, capital project work is charged an administration fee equal to 1% of the total cost of the project to a maximum of $100 thousand on any individual project. In addition, interim financing charges during the contract period are also capitalized as part of the project cost.

1. *Summary of Significant Accounting Policies (continued)*

d) Debenture discount and issue expense

Debenture issue expenses are charged to operations in the year of the related debenture issue. Commencing in 1996, discounts on debentures issued are amortized over the life of the debenture. These costs are recorded in the General Revenue Fund.

e) Deferred liabilities

Under the terms of development agreements, the City is required to repay developers for local improvements installed which benefit property outside the development area.

2. *Status of the General Capital Fund*

The General Capital Fund was created to account for tax-supported capital transactions of The City of Winnipeg. The capital program includes, but is not limited to, the acquisition and/or construction of streets, bridges, land drainage, parks and recreation facilities, police and fire department facilities, library facilities, civic buildings, major computer programs and related equipment and local improvements to name a few.

3. *Due from/(to) General Revenue Fund*

The City of Winnipeg operates a centralized treasury function with a single operating bank account in the General Revenue Fund. Cash transactions are credited or charged to the "Due (to) from" account in each fund. Consequently, this fund does not have a bank account. The General Capital Fund charges interim financing on individual capital projects and credits the interest to the General Revenue Fund.

4. *Accounts Receivable*

	2000	1999
Province of Manitoba	$ 5,577	$ 11,822
Government of Canada	469	672
	$ 6,046	$ 12,494

5. *Deferred Charges*

	2000	1999
Deferred debenture expense	$ -	$ 2,144

6. *Capital Assets*

	2000	1999
Property, plant and equipment		
Streets and bridges	$ 289,274	$ 305,372
Special projects	126,823	120,824
Land drainage sewers	72,979	78,688
Culture and recreation	55,961	58,900
Civic accommodations	49,124	50,940
WDA/Core area initiative	48,805	51,622
Protection	36,302	37,079
Local improvements	9,824	11,726
Health and social development	7,481	8,473
Convention centre	3,435	3,670
	$ 700,008	$ 727,294

7. *Accounts Payable and Accrued Liabilities*

	2000	1999
Trade accounts payable	$ 2,763	$ 2,317
Other accrued liabilities	1,653	23
Contractors' holdbacks	464	1,173
	$ 4,880	$ 3,513

8. *Long-term Debt*

Sinking fund debentures outstanding

Term	Maturity Date	Rate of Interest	Series	By-Law No.	Amount of Debt 2000	Amount of Debt 1999
1990-2000	Nov. 5	11.750	VK	5552/90	$ -	$ 61,535
1990-2000	Nov. 5	11.775	VK	5553/90	-	37,900
1992-2002	Feb. 19	8.875	VM	5838/92	49,856	49,856
(1) 1988-2003	Feb. 23	10.250	VF	4783/88	69,300	69,300
1993-2003	May 19	8.500	VP	6163/93	93,907	93,907
1991-2004	Nov. 1	10.000	VL	5779/91	30,206	30,206
1990-2005	Oct. 1	11.700	VI	5507/90	40,078	40,078
1999-2009	Feb. 2	5.350	VV	7368/99	50,000	50,000
1989-2009	Dec. 14	10.000	VH	5286/89	68,065	68,065
1993-2013	Feb. 11	9.375	VN	6090/93	40,000	40,000
1994-2014	Jan. 20	8.000	VQ	6300/94	30,500	30,500
1995-2015	May 12	9.125	VR	6620/95	55,000	55,000
1997-2017	Nov. 17	6.250	VU	7000/97	30,000	30,000
					556,912	656,347
Equity in Sinking Fund (Note 8c)					(213,913)	(215,770)
Net sinking fund debentures outstanding					342,999	440,577

8. Long-term Debt (continued)

Other long-term debt outstanding

Serial and installment debt issued by the City with varying maturities up to 2007 and a weighted average interest rate of 5.57% (1999 - 5.00%)	**52,812**	57,798
Equity in Capital Assets Fund (formerly the General Reserve Fund) debt issued by the City with varying maturities up to 2020 and a weighted average interest rate of 7.99% (1999 - 6.90%)	**190,723**	188,234
Capital lease obligations with varying maturities up to 2027 and a weighted average interest rate of 9.46% (1999 - 9.42%) (Note 8d)	**26,615**	27,141
Other long-term debt	**22,900**	17,450
	636,049	731,200
Current portion of debenture debt	**(26,704)**	(29,494)
Current portion of Equity in Capital Assets Fund debt	**(24,075)**	(25,844)
Current portion of capital lease obligation	**(505)**	(526)
	(51,284)	(55,864)
	$ 584,765	$ 675,336

(1) retractable issue

Long-term debt to be retired over the next five years:

	2001	2002	2003	2004	2005	Thereafter
Sinking fund debentures	$ -	$ 49,856	$ 163,207	$ 30,206	$ 40,078	$ 273,565
Serial, other and installment debt	5,178	5,382	5,598	5,830	6,072	47,652
Equity in Capital Assets Fund	24,075	20,641	18,017	17,350	12,806	97,834
Capital lease obligations	505	903	654	807	830	22,916
	$ 29,758	$ 76,782	$ 187,476	$ 54,193	$ 59,786	$ 441,967

8. Long-term Debt (continued)

a) Sinking fund debenture issues provide for full sinking fund at maturity except for the following debentures which, as a result of the levies being provided and the terms of the issues, will have sinking fund deficiencies requiring the issue to be refinanced at maturity.

Year of Maturity	Debenture By-Law	Issued Amount	Maturity Shortfall
2002	5838/92	$ 49,856	$ 21,637
2003	6163/93	93,907	40,635
2009	7368/99	50,000	30,981

The following sinking fund debentures matured during the year and had sinking fund deficiencies. As anticipated, they will be refinanced at a later date.

Year of Maturity	Debenture By-Law	Issued Amount	Maturity Shortfall
2000	5552/90	$ 61,535	$ 38,316
2000	5553/90	37,900	23,599

b) All debentures are general obligations of the City. Debenture debt is allocated to the General Capital Fund and utilities in the amounts shown in the issuing by-law.

c) **The City of Winnipeg Act** requires the City to make annual payments to The Sinking Fund. The City is currently paying three percent or greater on its outstanding sinking fund debentures. These annual payments are invested by The Sinking Fund for retirement of the debenture issues on their maturity dates.

d) Future minimum lease payments under the capital leases together with the balance of the obligation due under the capital leases are as follows:

	2001	$ 2,931
	2002	3,288
	2003	2,962
	2004	3,059
	2005	3,016
	thereafter	46,565
Total future minimum lease payments		61,821
Amount representing interest at a weighted average interest rate of 9.46%		(35,206)
Balance of the capital lease obligations		$ 26,615

9. Contributions and Grants

	2000	1999
Province of Manitoba	$ 19,867	$ 17,883
Combined Sewer Renewal Reserve	17,532	13,838
Other contributions	2,927	1,921
Government of Canada	303	1,189
	$ 40,629	$ 34,831

The above represents contributions and grants towards capital expenditures incurred by The City of Winnipeg.

10. Comparative Figures

Certain of the prior year's figures have been reclassified to conform with the current year's financial statement presentation.

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

Schedule 1

CAPITAL EXPENDITURES

For the year ended December 31, 2000
(in thousands of dollars)

	Capital Expenditures	Amount (Prefinanced) Unfinanced
General Municipal Purposes		
Streets and bridges	**$ 26,126**	$ 14,182
Land drainage sewers	**22,313**	7,848
Special projects	**21,637**	11,505
Culture and recreation	**4,144**	8,346
Winnipeg Development Agreement	**2,564**	9,430
Protection	**2,189**	6,819
Civic accommodations	**1,614**	738
Health and social development	**501**	685
Local improvements	**213**	123
Convention Centre	**-**	234
	$ 81,301	$ 59,910

Administration fees and interim financing charges capitalized during 2000 were $1.0 million (1999 - $1.2 million).

Exhibit 2: Excerpts from The City of Winnipeg 2000 Detailed Financial Statements, Reserve Balances

13. Reserves

Consolidated reserves consist of the following restricted reserves established under section 338 of **The City of Winnipeg Act**:

	2000	1999
Water Treatment Reserve	$ 39,493	$ 26,420
Pension Surplus Reserve	33,398	-
Fiscal Stabilization Reserve	24,761	13,582
Equipment Replacement Reserve	23,695	24,139
Pointe Du Bois Generating Station Replacement Reserve	19,447	16,402
Combined Sewer Renewal Reserve	16,958	15,842
Environmental Projects Reserve	18,259	11,373
Pension Stabilization Reserve	9,530	-
Insurance Reserve	9,347	8,580
Watermain Renewal Reserve	7,901	8,080
Perpetual Maintenance Fund - Brookside Cemetery	7,810	7,232
Commitment Reserve	7,073	7,814
Mill Rate Stabilization Reserve	6,443	5,170
Transit Bus Replacement Reserve	6,142	1,055
Land Operating Reserve	6,083	6,110
Aqueduct Rehabilitation Reserve	5,446	4,855
Snow Clearing Reserve	4,603	4,359
Heritage Investment Reserve	4,471	-
Workers Compensation Reserve	4,236	4,215
Housing Rehabilitation Investment Reserve	3,326	-
Economic Development Investment Reserve	3,257	-
Retirement Allowance Reserve	2,988	2,505
Library Reserve	2,227	1,682
Contributions in Lieu of Land Dedication Reserve	2,060	2,759
Golf Course Reserve	1,460	1,167
Idea Bank Reserve	1,369	1,273
Wastewater Sewer Renewal Reserve	980	540
Brady Landfill Rehabilitation Reserve	855	632
Recreation Programming Reserve	664	666
Zoo Animals Reserve	567	675
Zoo Purposes Reserve	554	473
Perpetual Maintenance Fund - St. Vital Cemetery	402	367
Computer Replacement Reserve	380	168
Perpetual Maintenance Fund - Transcona Cemetery	284	261
Concession Equipment Replacement Reserve	168	159
	276,637	178,555
Other Reserves:		
Winnipeg Housing Rehabilitation Corporation Reserves	1,970	1,735
Winnipeg Enterprises Corporation - Reserve for Major Improvements	357	329
	$ 278,964	$ 180,619

Exhibit 3: Capital Priority Rating System

The purpose of the Priority System is to provide a set of criteria by means of which proposed spending programs can be ranked in order of priority on a City-wide basis over the whole range of City functions and activities.

The System recognizes two basic factors, namely, priority of function (priority grouping) and degree of priority (sub-group rating).

PRIORITY GROUPINGS		PRIORITY POINTS MAIN	SUB
A.	**Vital Services** Those basic elements of essential services which are vital to the day to day domestic, industrial, and commercial life of the City. Capital expenditures within this group would be related to: 1) Winnipeg Hydro generating stations, transmission lines, terminal stations and elements of the distribution system. 2) Sewage Disposal Collection System and treatment facilities. 3) Water aqueduct reservoirs, pumping stations and trunk feedermains.	5	
B.	**Essential Services** Those basic services characterized by a high degree of public necessity, convenience and safety. Capital expenditures within this group would be related to: 1) Public Transportation 2) Fire and Police Protection 3) Garbage Collection and Disposal 4) Regional Street System 5) Land Drainage	3	
C.	**Standard Services** Those services which would reasonably be expected to be provided to all citizens of the City for their convenience and in accordance with generally accepted standards. Capital expenditures within this group would be related to: 1) Residential Street and Lane Construction (Local Improvements or other).	2	

PRIORITY GROUPINGS	PRIORITY POINTS MAIN	SUB
D. Desirable Services Those services having an aesthetic social, cultural, educational or entertainment value. Capital expenditures within this group would be related to: 1) Parks and Related Facilities 2) Recreational Facilities 3) Libraries 4) Museums	1	
Sub-Group Rating		
Could cause a serious imminent disruption of service (should be done without undue delay).		4
Would extend or complete the expected usefulness and/or reliability of a facility (should not be delayed for more than 1 year).		3
Would improve a facility which is at present sub-standard or approaching a high degree of obsolescence (should not be delayed for more than 2 years)		2
Would qualify as a minimum sustaining program - desirable but not absolutely essential (could be delayed for 3 years or more).		1

Note: A bonus of up to 2 points may be added to any of the subcategories 1 to 4 for projects that clearly contribute specifically to the City's declared development objectives.

Exhibit 4: Historical Analysis of Borrowing Authority, Sources of Funds, Application of Funds

SOURCES OF FUNDS

Capital expenditures are financed from many sources besides borrowing. Following is a breakdown by the major categories for adopted capital budgets for 1997 to 2002.

	Adopted Capital Budgets					
	1997	1998	1999	2000	2001	2002
CAPITAL PROGRAM						
General (including Transit)	$ 69,790	$ 103,067	$ 104,075	$ 82,858	$ 91,909	$ 134,093
Local Improvements	-	-	259	800	455	723
Utilities	38,322	30,640	38,089	51,295	65,515	72,360
TOTAL CAPITAL PROGRAM	**108,112**	**133,707**	**142,423**	**134,953**	**157,879**	**207,176**
LESS AVAILABLE FINANCING						
Prior Borrowing	2,900	6,700	3,000	-	-	-
Equity in Capital Assets Fund (formerly General Reserve)	21,522	38,400	41,500	44,800	48,400	52,200
Interim Financing	-	-	-	-	-	13,100
Other Reserves	26,232	29,044	31,060	37,908	48,389	63,629
Provincial Funding	17,175	35,781 *	27,444	15,870	15,000	21,436
Federal Funding	-	-	3,000	-	-	-
Provincial / Federal Funding	-	-	-	-	3,800	13,710
Contribution from Retained Earnings / Working Capital	400	950	5,334	6,485	4,300	3,880
Other Sources	-	3,000	9,000	500	175	1,981
TOTAL AVAILABLE FINANCING	**68,229**	**113,875**	**120,338**	**105,563**	**120,064**	**169,936**
BORROWING AUTHORITY REQUIRED FOR THIS PROGRAM	**39,883**	**19,832**	**22,085**	**29,390**	**37,815**	**37,240**
LESS: NET UTILITY SUPPORTED FINANCING	**21,020**	**18,770**	**22,085**	**29,390**	**37,815**	**37,240**
TAX SUPPORTED FINANCING (EXTERNAL)	**$ 18,863**	**$ 1,062** **	**$ -**	**$ -**	**$ -**	**$ -**

* Includes Federal/Provincial Disaster Assistance Program Funding
** Transit

SOURCES OF FUNDS (continued)

The following information itemizes all the sources of financing for adopted capital budgets for 1997 to 2002.

	Adopted Capital Budgets					
	1997	1998	1999	2000	2001	2002
NON-DEBENTURE FINANCING AS FOLLOWS:						
Prior Borrowing	$ 2,900	$ 6,700	$ 3,000	$ -	$ -	$ -
Reserves:						
Equity in Capital Assets Fund (formerly General Reserve)	21,522	38,400	41,500	44,800	48,400	52,200
Interim Financing	-	-	-	-	-	13,100
Watermain Renewal Reserve	7,200	5,000	6,500	6,500	7,500	9,000
Aqueduct Renewal Reserve	8,500	4,500	2,000	5,000	5,000	6,100
Water Treatment Reserve	582	-	-	2,500	3,000	6,000
Combined Sewer Renewal Reserve	6,580	14,080	15,580	17,080	19,580	16,580
Wastewater Sewer Renewal Reserve	420	420	420	420	420	420
Transit Reserve	2,750	4,044	4,210	5,408	5,409	5,409
Environmental Reserve	200	1,000	1,750	1,000	7,480	9,720
Library Technology Reserve	-	-	-	-	-	400
Frontage Levy- local streets and sidewalks	-	-	-	-	-	10,000
Transfer from Idea Bank Reserve	-	-	600	-	-	-
Provincial Funding:						
Urban Capital Projects Allocation I						
York St Underpass	-	3,173	-	-	-	-
Urban Capital Projects Allocation II						
Provincial City Priorities						
Bishop Grandin / Kenaston	-	4,581	-	-	-	-
Urban Capital Project Allocation III						
City Priorities - Unconditional Grant						
Unallocated UCPA III - Unconditional	3,481	3,177	2,659	2,197	3,198	3,198
Transit - Regular Transit Buses	1,019	1,823	1,841	2,303	2,302	2,302
Infrastructure Renewal & Strategic Enhancement						
Transit - Regular Transit Buses	3,000	3,000	3,000	3,000	3,000	3,000
South Transcona Land Drainage Basin	1,675	-	-	-	-	-
Building Communities	375	750	750	1,125	-	1,350
Nairn Avenue, Grey to Panet	1,369	-	-	-	-	-
Sturgeon Road, Saskatchewan to North Limit	187	-	-	-	-	-
Portage Avenue, Woodlawn to Queen	714	-	-	-	-	-
Donald St, Corydon to Stradbrook / Corydon Ave, Osborne - Donald	114	-	-	-	-	-
Provencher Bridge	174	-	-	-	-	-
Main / Norwood Bridges	6,703	-	-	-	-	-
Regional Flood Protection Works	82	-	-	-	-	-
Unallocated UCPA III - Infrastructure	-	6,650	6,175	5,945	6,200	4,886

SOURCES OF FUNDS (continued)

The following information itemizes all the sources of financing for adopted capital budgets for 1997 to 2002.

	Adopted Capital Budgets					
	1997	1998	1999	2000	2001	2002
Provincial Funding: (continued)						
Provincial Funding for Residential Street Renewals	-	5,000	5,000	-	-	5,000
Provincial Funding for Millennium Library	-	-	3,000	-	-	-
Province of Manitoba VLT Revenue for Convention Centre	-	-	-	1,300	300	1,700
Provincial Share of Flood Prevention Costs - Flood Rehabilitation	-	7,528	5,019	-	-	-
Provincial Share of Flood Prevention Costs - Flood Prevention, Civic Buildings	-	99	-	-	-	-
Federal Funding for Millennium Library	-	-	3,000	-	-	-
Provincial/Federal Funding:						
Canada/Manitoba Infrastructure Projects						
Provencher Paired Bridges (Red River)	-	-	-	-	-	4,000
Waterfront Drive	-	-	-	-	-	2,710
St. James Centennial Pool Multi-Use Expansion	-	-	-	-	-	2,000
Permanent Secondary Dikes	-	-	-	-	3,800	5,000
Retained Earnings / Working Capital:						
Waterworks System Retained Earnings	-	-	-	3,625	225	880
Sewage Disposal System Retained Earnings	400	950	5,334	2,860	4,075	3,000
Recoveries / Private Funding:						
Developer Capacity Charges	-	-	-	500	175	-
Recoveries from Developers, Dakota St.	-	-	-	-		283
Wpg Library Foundation (Millennium Library)	-	3,000	5,000	-	-	-
Transfer - from Operating	-	-	4,000	-	-	1,698
TOTAL NON-DEBENTURE FINANCING	**69,947**	**113,875**	**120,338**	**105,563**	**120,064**	**169,936**
DEBENTURES:						
Tax Supported - General	18,213	-	-	-	-	-
- Transit	650	1,062	-	-	-	-
Total Tax Supported	18,863	1,062	-	-	-	-
Utilities	21,020	18,770	22,085	29,390	37,815	37,240
TOTAL DEBENTURES	**39,883**	**19,832**	**22,085**	**29,390**	**37,815**	**37,240**
Borrowing Authority in Excess of Requirement*	(1,718)	-	-	-	-	-
TOTAL CAPITAL PROGRAM	**$ 108,112**	**$ 133,707**	**$ 142,423**	**$ 134,953**	**$ 157,879**	**$ 207,176**

* After adoption of the 1997 estimates, provincial funding under the UCPA agreement was confirmed at a greater amount than had been estimated, resulting in the authorized borrowing being greater than required.

APPLICATION OF FUNDS

The following information, organized by function, provides a historical analysis of adopted capital budgets for 1997 to 2002.

		Adopted Capital Budgets					
		1997	1998	1999	2000	2001	2002
TAX SUPPORTED CAPITAL							
Public Works	- Regional	$ 22,230	$ 32,448	$ 11,999	$ 15,360	$ 31,468	$ 44,738
	- Local	661	13,421	14,650	6,066	5,887	23,255
	- Special Projects	250	-	350	650	325	410
	- Parks & Open Spaces	-	-	1,298	839	871	823
	- Building Services	-	-	1,773	1,162	1,023	1,614
Land Drainage and Flood Control							
	- Regional	1,442	6,372	9,129	10,359	12,469	14,374
	- Residential	9,880	8,380	9,632	10,530	12,380	12,580
Parks and Recreation		616	155	-	-	-	-
Winnipeg Police Service		4,468	1,935	2,488	3,750	441	-
Fire Paramedic Service		1,676	164	2,122	1,390	1,000	-
	- Watermain	544	519	-	-	-	-
Corporate Information Technology		3,185	4,059	6,429	5,216	3,318	1,349
Community Services	- Special Projects	868	954	2,633	2,120	2,257	5,318
	- Libraries	2,295	4,000	11,000	-	-	1,400
Planning, Property and Development							
- Civic Accommodations	- Accommodations	1,607	267	2,672	641	1,683	3,206
	- Special Projects	-	727	1,531	300	650	-
- Planning, Property and Development							
	- Building Communities	750	1,500	1,500	2,250	2,050	2,700
	- Special Projects	-	-	1,850	1,250	-	1,229
	- Intergovernmental Agreements	3,871	1,681	3,342	3,548	2,558	-
- Corporate Programs		-	-	532	1,500	-	-
Special Projects	- Various Departments	7,128	7,528	2,700	4,700	2,618	10,186
Infrastructure Repair Costs, 1997 Flood		-	9,028	6,019	-	-	-
Transit System		8,319	9,929	10,426	11,227	10,911	10,911
Total Tax Supported Capital Excluding Local Improvements		69,790	103,067	104,075	82,858	91,909	134,093
Local Improvements		-	-	259	800	455	723
Total Tax Supported Capital		69,790	103,067	104,334	83,658	92,364	134,816
UTILITY SUPPORTED CAPITAL							
Hydro Electric System		20,820	17,790	18,370	29,390	37,815	37,240
Waterworks System		16,482	10,480	12,215	17,625	15,725	21,980
Sewage Disposal System	- Regional	600	1,950	7,084	3,860	11,555	12,720
	- Residential	420	420	420	420	420	420
Total Utility Supported Capital		38,322	30,640	38,089	51,295	65,515	72,360
TOTAL CAPITAL PROGRAM		$ 108,112	$ 133,707	$ 142,423	$ 134,953	$ 157,879	$ 207,176

Exhibit 5: Statement of Current and Potential Debenture Debt

(in Thousands of $)	Tax-Supported	Utility Operations	Combined Total
Gross Debenture Debt as at December 31, 2001 Financial Statements	$ 572,178	$ 491,130	$ 1,063,308
Equity in Sinking Fund	(236,523)	(164,987)	(401,510)
Net Debt	335,655	326,143	661,798
Unallocated Sinking Fund Surplus	(4,355)	-	(4,355)
Net Debenture Debt as at December 31, 2001	**$ 331,300**	**$ 326,143**	**$ 657,443**
Outstanding Borrowing Authorization	81,969	92,263	174,232
Winnipeg Hydro Debt Projected in 2002 Budget	-	37,240	37,240
Capital Leases	26,785	-	26,785
Refinancing By-law 5552 & 5553	59,424	21,522	80,946
Refinancing By-law 5838	20,712	22,687	43,399
Debt Maturing during 2002	(56,334)	(56,059)	(112,393)
Sinking Fund Incremental (Increase) Decrease during 2002	(2,335)	8,476	6,141
Potential Net Debt as at December 31, 2002	**$ 461,521**	**$ 452,272**	**$ 913,793**

Notes:

1) Includes Charleswood Bridge lease obligation and current portion of long-term debt.
2) Does not include debt incurred by Winnipeg Enterprises Corporation and Winnipeg Housing Rehabilitation Corporation.
3) City Council has restricted long-term borrowing for Winnipeg Hydro until it considers the Manitoba Hydro offer. If the offer is accepted, the Winnipeg Hydro debt projected in the 2002 budget of $37.24 million will not be required.
4) The Net Debenture Debt as at December 31, 2001 includes Winnipeg Hydro's portion of $139.3 million.

Exhibit 6: Cash Flow Projections for 2002 to 2007 Capital Program

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
SUMMARY OF CAPITAL PROGRAM									
TAX-SUPPORTED									
Local Improvements		629	519	500	585	600	600	90	3,523
Public Works		66,103	48,227	42,630	39,491	43,875	41,647	5,353	287,326
Land Drainage and Flood Control		26,894	21,949	24,994	25,255	25,230	25,330		149,652
Community Services		5,325	8,775	9,330	2,255	1,761	2,106	175	29,727
Community Incentive Grants		418	975	1,254	1,393	1,393	1,393	1,532	8,358
Winnipeg Police Service					178	572			750
Fire Paramedic Service			941		741	1,679	1,600	800	5,761
Planning, Property and Development		1,029	3,624	2,951	4,910	3,042	2,950	1,650	20,156
Corporate Finance		3,645	3,000	1,500	2,500	2,500			13,145
City Clerks		300	260	150	200	200	200		1,310
Corporate Information Technology		1,349	2,703	3,557	2,490	2,496	2,549		15,144
Property Assessment			500	500		1,000	500		2,500
Hydro Street Lighting			100	350	350	350	400		1,550
Non-departmental		6,241		934	3,092	854	3,643		14,764
Total Tax-Supported General		**111,933**	**91,573**	**88,650**	**83,440**	**85,552**	**82,918**	**9,600**	**553,666**
Civic Accommodations		1,866	3,222	8,547	3,100	2,750	4,450		23,935
Transit		10,811	2,200	26,900	3,560	33,473	8,700	16,304	101,948
Total Tax-Supported Including Transit and Civic Accommodations		**124,610**	**96,995**	**124,097**	**90,100**	**121,775**	**96,068**	**25,904**	**679,549**
UTILITIES									
Hydro Electric System		36,890	41,230	37,730	37,040	43,440	47,890		244,220
Waterworks System		21,470	38,875	92,500	93,258	9,665	9,350		265,118
Sewage Disposal System		8,277	24,973	17,650	22,215	8,885	11,970		93,970
Total Utilities		**66,637**	**105,078**	**147,880**	**152,513**	**61,990**	**69,210**		**603,308**
TOTAL CAPITAL PROGRAM		**191,247**	**202,073**	**271,977**	**242,613**	**183,765**	**165,278**	**25,904**	**1,282,857**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
CAPITAL PROJECTS LISTING									
LOCAL IMPROVEMENTS - Ongoing Program. Council approved $195,000 for the year 2002 on December 12, 2001	3-3	**629**	**519**	**500**	**585**	**600**	**600**	**90**	**3,523**
PUBLIC WORKS									
Regional Streets									
New Transportation Facilities:									
Moray St Extension to Grant Ave	3-4	5,815	1,000						6,815
Silver Ave. Extension - St. James Street to Madison St. Council approved $700,000 for the year 2002 on July 18, 2001	3-5	825							825
Total New Transportation Facilities		**6,640**	**1,000**						**7,640**
Street Improvements:									
Kenaston Blvd - Academy Rd to Taylor Ave	3-6	100	100	355	995	250	100		1,900
Dakota St - Abbotsford Cr to Paddington Rd	3-7	2,414	476						2,890
- Developers		283							283
St Anne's Rd - Novavista Dr to Warde Ave	3-8					300			300
Traffic Engineering Improvement Various Locations	3-9	425	670	955	1,000	1,000	1,000	150	5,200
Land Acquisition - Transportation Rights-of-Way - Various Locations	3-10			510	90				600
Pedestrian and Cycle Facilities - Various Locations	3-11	270	115	270	300	470	500	75	2,000
Total Street Improvements		**3,492**	**1,361**	**2,090**	**2,385**	**2,020**	**1,600**	**225**	**13,173**
Regional Street Renewals:									
Street Renewals - Annual Program	3-12	2,656	5,008	11,675	10,067	9,664	9,917	1,494	50,481
Bishop Grandin Blvd - St. Anne's Rd to the Fort Garry Bridge	3-13	750	800	50					1,600
Inkster Blvd - Main St to Lansdowne Ave	3-14	285	205	200	200	200	10		1,100
Main St - Lombard Ave to Disraeli Freeway	3-15			1,017	178				1,195
- Canada/Manitoba Infrastructure Program				1,704	301				2,005
Sidewalk/Curb Renewal Program - Regional Streets	3-16	298	299	468	500	500	500	75	2,640
Total Regional Street Renewals		**3,989**	**6,312**	**15,114**	**11,246**	**10,364**	**10,427**	**1,569**	**59,021**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
Waterway Crossings and Grade Separations:									
Waterway Crossings and Grade Separations - Annual Maintenance Program	3-17	255	768	1,963	3,937	5,943	6,206	930	20,002
Bridge Deck Restoration - Deck Sealing Program	3-18	340	60						400
Provencher Paired Bridges (Red River)	3-19	10,000	10,000	8,000	6,100				34,100
- Canada/Manitoba Infrastructure Program		4,000	2,700						6,700
- Interim Financing		13,100	1,000	(8,000)	(6,100)				
Disraeli Bridge and Overpass Facility	3-20	128	236	166	873	3,972	675		6,050
Redwood Bridge	3-21	475	2,100	1,925					4,500
Total Waterway Crossings & Grade Separations		**28,298**	**16,864**	**4,054**	**4,810**	**9,915**	**6,881**	**930**	**71,752**
TOTAL REGIONAL STREETS		**42,419**	**25,537**	**21,258**	**18,441**	**22,299**	**18,908**	**2,724**	**151,586**
Local Streets									
Local Street Renewal Program - Various Locations	3-22	2,930	7,997	9,585	10,056	7,467	10,381	1,647	50,063
- Frontage Levy		8,288	1,462						9,750
- Provincial Contribution		5,000	5,000	5,000	5,000	5,000	5,000		30,000
Sidewalk Renewal Program - Various Locations	3-23	150	400	400	400	400	400		2,150
- Frontage Levy		250							250
Panet Rd Expansion - Munroe Ave to Concordia Ave	3-24					2,550	450		3,000
Curb Repair Program - Various Locations	3-25	213	250	250	250	250	250	37	1,500
Lane Renewals - Various Locations	3-26		1,089	1,042	1,000	1,000	150		4,281
Waterfront Drive	3-27		145						145
- Transfer - 2001 Operating		1,698							1,698
- Canada/Manitoba Infrastructure Program		2,710	262						2,972
TOTAL LOCAL STREETS		**21,239**	**16,605**	**16,277**	**16,706**	**16,667**	**16,631**	**1,684**	**105,809**
Asset Management System - Various Divisions	3-28	136	194	136	189	264	254	37	1,210
Land Drainage Sewers - Regional/Local Streets	3-29	212	250	250	250	250	250	38	1,500
TOTAL REGIONAL AND LOCAL STREETS		**64,006**	**42,586**	**37,921**	**35,586**	**39,480**	**36,043**	**4,483**	**260,105**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
Parks and Open Space									
Streets - Aesthetic Improvements	3-30		85	112	235	218	32		682
Reforestation Program - Improvements	3-31	450	770	425	449	496	815	85	3,490
Athletic Fields - Phased Progression	3-32		223	182	25	524	92		1,046
Athletic Fields - Improvements	3-33		85	183	621	104			993
Parks - Phased Progression	3-35		1,420	672	306	169	22		2,589
Parks - Improvements	3-37	275	269	289	299	215	1,475	255	3,077
Playground Upgrades	3-38						175	75	250
Pathway/Roadway/Tennis Court Upgrading	3-39						127	23	150
TOTAL PARKS AND OPEN SPACE		**725**	**2,852**	**1,863**	**1,935**	**1,726**	**2,738**	**438**	**12,277**
Building Services									
Community Centres - Refurbishing and Improvements	3-40	349	1,040	512	358	350	350	52	3,011
Building Refurbishing/Improvements - Arenas	3-41	383	450	637	249	302	325	49	2,395
Building Refurbishing/Improvements - Indoor Aquatic Facilities	3-42	640	831	1,207	488	1,072	1,200	180	5,618
Building Refurbishing/Improvements - Outdoor Aquatic Facilities	3-43		128	22	166	195	241	38	790
Building Refurbishment/Improvements - Community Facilities	3-44		340	468	242	200	200	30	1,480
A/C Plant Refurbishing - Ozone Depletion Act Compliance	3-45				170	200	200	30	600
Fire/Life Safety Replacement/Asbestos Removal	3-46				191	225	225	34	675
Energy Conservation Initiatives	3-47				106	125	125	19	375
TOTAL BUILDING SERVICES		**1,372**	**2,789**	**2,846**	**1,970**	**2,669**	**2,866**	**432**	**14,944**
TOTAL PUBLIC WORKS		**66,103**	**48,227**	**42,630**	**39,491**	**43,875**	**41,647**	**5,353**	**287,326**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
COMMUNITY INCENTIVE GRANT PROGRAM	3-48	**418**	**975**	**1,254**	**1,393**	**1,393**	**1,393**	**1,532**	**8,358**
COMMUNITY SERVICES									
Assiniboine Park Amenities Development	3-49	100		950	1,000	500	600		3,150
Assiniboine Park Amenities Improvements	3-50	270	545	100	605		642		2,162
Computer Acquisition - Upgrade Reorganization and Customer Service	3-51	100	100						200
Library Replacement - Various	3-52				400	1,261	360		2,021
Millennium Library (Conditional Upon Other Funding Being in Place)	3-53	1,000	1,000	1,000					3,000
- Library Technology Reserve		400	600						1,000
- Winnipeg Library Foundation			3,000	4,000					7,000
- Canada/Manitoba Infrastructure Program			3,000	3,000					6,000
St. James Centennial Pool Multi-Use Expansion	3-54	1,030							1,030
- Canada/Manitoba Infrastructure Program		2,000							2,000
Security Systems - Various Branches	3-55						129		129
Community Computer Access Program	3-56	425	280	280					985
Library Furniture Replacement Program	3-57						200		200
Integrated Property Based Information Systems	3-58		250		250				500
Customer Information/Registration and Booking System	3-59						175	175	350
TOTAL COMMUNITY SERVICES		**5,325**	**8,775**	**9,330**	**2,255**	**1,761**	**2,106**	**175**	**29,727**
WINNIPEG POLICE SERVICE									
Renovations - 5th Floor Public Safety Building	3-60				178	322			500
Automated Fingerprint Identification System - Palm Print Update	3-61					250			250
TOTAL WINNIPEG POLICE SERVICE					**178**	**572**			**750**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
FIRE PARAMEDIC SERVICE									
Replacement of Station No. 12	3-62					400	1,200		1,600
Fire Protection Upgrade for 3 Storey Fire Stations	3-63		263						263
Watermain Extension for Fire Fighting Training	3-64		399						399
Burn Building Improvements	3-65				441				441
Replacement of Station No. 21 - 730 Pandora Ave.	3-66				300	1,279			1,579
Land Acquisition - Station No. 18	3-67		279						279
Replacement of Station No. 27	3-68						400	800	1,200
TOTAL FIRE PARAMEDIC SERVICE			**941**		**741**	**1,679**	**1,600**	**800**	**5,761**
PLANNING, PROPERTY AND DEVELOPMENT									
Civic Accommodations									
General Building Renovation and Refurbishing	3-69		400	300	300	500	1,000		2,500
Civic Buildings - Barrier Free Access	3-70		206	104		150	250		710
Removal of Asbestos	3-71	84	84	168		200	100		636
Administration Building Alterations	3-72			400					400
510 Main Street - Elevator Controls	3-73	390							390
Roof Replacement	3-74						250		250
Fire Safety Upgrading - Various Locations	3-75		100	400		200	200		900
Central Yard Relocation	3-76		1,382	1,600	500				3,482
Public Safety Building - Exterior Cladding	3-77		550	4,500	1,000				6,050
Cooling Plant Refurbishing	3-78	300		850			150		1,300
Energy Conservation	3-79			225	200	200	200		825
Restoration of Entrance Gates	3-80						200		200
Civic Centre Carpark Tunnel	3-81						200		200
Tenant Improvement Prepayment - Major Department	3-82				600	500	500		1,600
Historic Building Stabilization	3-83		500		500				1,000
Major Building HVAC Upgrades	3-84					500	400		900
Building Envelope - Evaluation and Emergency Repair	3-85					500	1,000		1,500
510 Main Courtyard Redevelopment	3-86	1,092							1,092
TOTAL CIVIC ACCOMMODATIONS		**1,866**	**3,222**	**8,547**	**3,100**	**2,750**	**4,450**		**23,935**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
Planning, Property and Development									
Computer Automation	3-87				200	200	300		700
Implementation and Expansion of BUILD	3-88	125	100						225
Document Imaging and Management with BUILD	3-89	200							200
Expand Archibus Program to Integrate with Maximo System	3-90	100	100						200
Land Acquisition for General Unspecified Purposes	3-91	300			300				600
Weather Protected Pedestrian System	3-92			250	210		450		910
Streetscaping	3-93					242	200	200	642
Riverbank Stabilization for City-Owned Riverbanks	3-94			50	550		200	200	1,000
Riverbank Greenway Programs	3-95	104	358		350		300	50	1,162
Land Acquisition - Riverbank	3-96		200		300		300		800
Parks Development - Developer Payback	3-97	200							200
Cemeteries - Improvements	3-98		166	501		200	200		1,067
Subtotal		**1,029**	**924**	**801**	**1,910**	**642**	**1,950**	**450**	**7,706**
Building Communities									
Neighbourhood to be specified	3-99		1,350	1,075	1,500	1,200	500	600	6,225
- Provincial UCPA III			1,350						1,350
- Provincial UCPA IV				1,075	1,500	1,200	500	600	4,875
Total Building Communities			**2,700**	**2,150**	**3,000**	**2,400**	**1,000**	**1,200**	**12,450**
TOTAL PLANNING, PROPERTY AND DEVELOPMENT		**1,029**	**3,624**	**2,951**	**4,910**	**3,042**	**2,950**	**1,650**	**20,156**
CORPORATE FINANCE									
Connexus	3-100	**3,645**	**3,000**	**1,500**	**2,500**	**2,500**			**13,145**
CITY CLERKS									
Office Automation - City Clerks	3-101			100	200	200	200		700
Electronic Records Management	3-102	200	260	50					510
Election Systems	3-103	100							100
TOTAL CITY CLERKS		**300**	**260**	**150**	**200**	**200**	**200**		**1,310**

CAPITAL PROJECTS SUMMARY

(in Thousands of $)

FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
CORPORATE INFORMATION TECHNOLOGY									
Communications Network Infrastructure	3-104	698	602	723	611	610	649		3,893
Network Computing Initiatives	3-105	151	251	251	199	204	211		1,267
E-Government	3-106	500	1,850	2,583	1,680	1,682	1,689		9,984
TOTAL CORPORATE INFORMATION TECHNOLOGY		**1,349**	**2,703**	**3,557**	**2,490**	**2,496**	**2,549**		**15,144**
PROPERTY ASSESSMENT									
Assessment Automation	3-107		**500**	**500**		**1,000**	**500**		**2,500**
NON-DEPARTMENTAL									
Convention Centre Cladding	3-108	1,700							1,700
- Provincial Funding from VLT Revenues		1,700							1,700
Special Innovative Capital	3-109	2,841		934	3,092	854	3,643		11,364
TOTAL NON-DEPARTMENTAL		**6,241**		**934**	**3,092**	**854**	**3,643**		**14,764**
TRANSIT									
Bus Radio System Replacement with AVL Enhancement [1]	3-110		2,000	3,000	960				5,960
Regular Transit Buses	3-111								
- Transit Bus Replacement Reserve		5,409		12,660		14,764		8,132	40,965
- Province - UCPA III		3,000							3,000
- Province - UCPA III Unconditional		2,302							2,302
- Province - UCPA IV				6,000		6,000		3,000	15,000
- Province - UCPA IV Unconditional				4,940		5,759		4,972	15,671
Fare Collection System [1]	3-112				2,000	4,000			6,000
Innovative Transit Program [1]	3-113	100	200	200	600	700	700	200	2,700
Transit Building Replacement/Refurbishment [1]	3-114			100					100
Metrobus (Stage 1) [1]	3-115					2,250	8,000		10,250
TOTAL TRANSIT		**10,811**	**2,200**	**26,900**	**3,560**	**33,473**	**8,700**	**16,304**	**101,948**

[1] *Total Transit (Internal Financing - Equity In Capital Assets Fund)*

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
HYDRO ELECTRIC SYSTEM									
Street Lighting - Tax-Supported Portion									
Replace Wood Pole Lighting with Ornamental Lighting	3-116		100	100	100	100	100		500
Upgrading Lighting Plant on Bridges	3-117			250	250	250	300		1,050
TOTAL STREET LIGHTING (Internal Financing - Equity in Capital Assets Fund)			**100**	**350**	**350**	**350**	**400**		**1,550**
Utilities Supported Portion									
Generation - Pointe du Bois	3-118	18,350	18,350	6,000	4,750	18,500	21,750		87,700
Generation - Slave Falls	3-119	2,800	5,200	12,300	8,600	3,100	2,300		34,300
Transmission Lines	3-120	6,300	8,800	8,500	6,850	9,000	12,000		51,450
Distribution - Substations	3-121	3,250	2,400	4,050	8,450	4,200	4,200		26,550
Distribution - Overhead	3-123	1,200	1,200	1,200	1,200	1,200	1,200		7,200
Distribution - Underground	3-124	3,100	3,100	3,840	4,940	5,140	3,840		23,960
Hydro Office/Other Buildings	3-125	1,290	1,580	740	250	300	600		4,760
Customer Premises - Distribution Automation and Automatic Meter Reading	3-126			500	2,000	2,000	2,000		6,500
Communications System - Municipal Fibre Cable	3-127	600	600	600					1,800
TOTAL HYDRO (Utility Supported)		**36,890**	**41,230**	**37,730**	**37,040**	**43,440**	**47,890**		**244,220**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
WATER & WASTE									
Land Drainage and Flood Control - Tax-Supported Portion									
LAND DRAINAGE AND FLOOD CONTROL - REGIONAL									
Combined Sewer Flood Relief	3-128								
- Frontage Levy		4,500	7,200	7,200	7,200	7,200	7,200		40,500
Flood Relief Sewers - Separate	3-129								
- Frontage Levy			300	300	300	300	300		1,500
Impoundment Shoreline Replacement/Upgrading [2]	3-130	200		100	100	100	100		600
Regional Flood Protection [2]	3-131	294	344	344	450	450	450		2,332
Flood Pumping Station Reliability Upgrades [2]	3-132	1,000	1,000	1,500	1,100	600	900		6,100
Land Drainage Sewers Outfall Gate Structures [2]	3-133	1,450	500	2,000	2,000	1,450	1,450		8,850
Development Agreement Paybacks:	3-134								
- Developer Capacity Charges Financing			335	1,400		600			2,335
Flood Activity/Emergency Information System [2]	3-135	300							300
Floodplain Management [2]	3-136	300					700		1,000
Permanent Secondary Dikes [2]	3-137			500					500
- Provincial/Federal Contribution		5,000	600						5,600
St. Germain/Vermette Land Drainage Project [2]	3-138						1,000		1,000
St. Vital Perimeter South Hydrogeological Assessment [2]	3-139	60	40	20					120
Permanent Land Drainage Pumping Station at Kilkenny and Rice [2]	3-140				800				800
Seine River Waterway Acquisition [2]	3-141	100	150	150	150	150	150		850
Primary Dike Upgrading [2]	3-142					1,000	800		1,800
Bibeau Drain Inlet Structure and Safety Grate [2]	3-143	250							250
Land Drainage Safety Upgrading Program [2]	3-144		200	200	500	500			1,400
Fernbank Ave Land Drainage Sewer	3-145								
- Developer Capacity Charges Financing					875				875
South Tuxedo Stormwater Retention Basin	3-146								
- Developer Capacity Charges Financing					500	1,100			1,600
Charleswood & Wilkes South Land Drainage Project [2]	3-147						1,000		1,000
Harstone Outfall [2]	3-148	860							860
Kildare Trunk Permanent Flood Pumping Station [2]	3-149					500			500
TOTAL LAND DRAINAGE AND FLOOD CONTROL - REGIONAL		**14,314**	**10,669**	**13,714**	**13,975**	**13,950**	**14,050**		**80,672**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)* FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
LAND DRAINAGE AND FLOOD CONTROL - RESIDENTIAL									
Combined Sewer Renewals - Frontage Levy	3-150	12,080	11,080	11,080	11,080	11,080	11,080		67,480
Outfall Maintenance [2]	3-151	500	200	200	200	200	200		1,500
TOTAL LAND DRAINAGE AND FLOOD CONTROL - RESIDENTIAL		**12,580**	**11,280**	**11,280**	**11,280**	**11,280**	**11,280**		**68,980**
TOTAL LAND DRAINAGE AND FLOOD CONTROL		**26,894**	**21,949**	**24,994**	**25,255**	**25,230**	**25,330**		**149,652**

[2] *Total Land Drainage and Flood Control (Internal Financing - Equity In Capital Assets Fund)*

WATER WORKS SYSTEM - Utility Supported									
Long Term Zebra Mussel Mitigation [3]	3-152			300	300	400			1,000
Shoal Lake Aqueduct Condition Assessment & Rehabilitation - Aqueduct Renewal Reserve Funding	3-153	6,100	3,900						10,000
Saskatchewan Avenue Feedermain [3]	3-154				1,163				1,163
Water Treatment Plant - Functional & Detailed Design & Construction	3-155			34,000	68,000				102,000
- Water Treatment Reserve Funding		6,000	26,000	50,000	12,000				94,000
GWWD Railway Bridge Replacement [3]	3-156	130	400				550		1,080
Lagimodiere Boulevard Feedermain Extension [3]	3-157				1,300				1,300
McPhillips Pumping Station - Natural Gas Engine Replacement [3]	3-158				1,250	750			2,000
MacLean Pumping Station - Natural Gas Engine Replacement [3]	3-159				2,000				2,000
Water SCADA Replacement [3]	3-160		1,275						1,275
Computerized Work Management System [3]	3-161	240	200	200	145	115			900
Chlorine System Improvement [3]	3-162		100	900					1,000
Branch II Aqueduct - Valves at Interconnection [3]	3-163				100	1,200			1,300
Tache Booster Pumping Station Upgrading [3]	3-164						1,000		1,000
Shoal Lake Aqueduct Intake Structure Condition Assessment [3]	3-165					200	800		1,000
Disraeli Feedermain Condition Assessment [3]	3-166			100					100
Watermain Renewals - Frontage Levy	3-167	9,000	7,000	7,000	7,000	7,000	7,000		44,000
TOTAL WATERWORKS (Utility Supported)		**21,470**	**38,875**	**92,500**	**93,258**	**9,665**	**9,350**		**265,118**

[3] *Financed from Waterworks Retained Earnings*

CAPITAL PROJECTS SUMMARY

(in Thousands of $)

FUNCTION/PROJECT	DETAIL PAGE NO.	CASH FLOW 2002	2003	2004	2005	2006	2007	Beyond 2007	TOTAL
SEWAGE DISPOSAL SYSTEM - Utility Supported									
SEWAGE DISPOSAL - REGIONAL									
Primary Clarifier Covers - NEWPCC [4]	3-168		300	3,000	3,900				7,200
Wastewater Disinfection - NEWPCC - Environmental Reserve Funding	3-169	3,767	4,753						8,520
Chlorine System Improvements - NEWPCC [4]	3-170		200	2,800					3,000
Outfall Capacity & Flood Protection Upgrading - NEWPCC [4]	3-171				750	1,000			1,750
High River Level (Flood) Protection - SEWPCC [4]	3-172	300	1,700						2,000
Capacity Study/Preliminary Engineering - SEWPCC [4]	3-173	300	1,600	1,600					3,500
Primary Clarifier Expansion - SEWPCC [4]	3-174	250	8,500						8,750
Wastewater Disinfection - WEWPCC - Environmental Reserve Funding	3-175			980	1,750				2,730
Lift Station Upgrading [4]	3-176	250	250	250	250	250	250		1,500
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve Funding	3-177	1,000	5,000	5,000	5,000	5,000	5,000		26,000
Warde Interceptor Sewer [4]	3-178		1,300						1,300
Inflow/Infiltration/Cross-Connection Study and Mitigation [4]	3-179				700	1,300			2,000
Sewer System Isolation in Areas Protected by Secondary Dikes [4]	3-180				1,000				1,000
Computerized Work Management System [4]	3-181	240	200	200	145	115			900
Boiler Replacements - NEWPCC [4]	3-182	250	250		700				1,200
Raw Sewage Pump Replacement - NEWPCC [4]	3-183					800	800		1,600
Biosolids - Alternative Disposal Study [4]	3-184			400	600				1,000
Centrate Treatment - NEWPCC - Environmental Reserve Funding	3-185		500	3,000	7,000				10,500
Montcalm Pumping Station & Forcemain Upgrade [4]	3-186	700							700
Mager Drive Pumping Station Upgrade [4]	3-187	600							600
Northeast Interceptor Extension - Regent to Dugald [4]	3-188						5,500		5,500
River Water Quality Hr arings - Environmental Reserve Funding	3-189	200							200
TOTAL SEWAGE DISPOSAL - REGIONAL		**7,857**	**24,553**	**17,230**	**21,795**	**8,465**	**11,550**		**91,450**
SEWAGE DISPOSAL - RESIDENTIAL									
Wastewater Sewer Renewal - Frontage Levy	3-190	**420**	**420**	**420**	**420**	**420**	**420**		**2,520**
TOTAL SEWAGE DISPOSAL (Utility Supported)		**8,277**	**24,973**	**17,650**	**22,215**	**8,885**	**11,970**		**93,970**

[4] *Financed from Sewage Disposal Retained Earnings*

Exhibit 7: Reconciliation of the Preliminary 2002 to 2007 Capital Program to the 2002 to 2007 Capital Program Adopted by Council

2002 ANNUAL CAPITAL ESTIMATES
AND
2003 TO 2007 FIVE-YEAR CAPITAL FORECAST
(In Millions of $)

		Capital Forecast					2002-2007
	2002	2003	2004	2005	2006	2007	Total
Total Preliminary Capital Program	**$ 206.9**	**$ 214.3**	**$ 269.2**	**$ 243.5**	**$ 171.9**	**$ 177.0**	**$ 1,282.8**
Community Incentive Grants (increase by $311,000 in 2002)	0.3						0.3
Advance the Dakota Street project from 2004 to 2002 ($283,000 to be financed from developers funding, and the remaining $2,890,000 to be internally financed)	3.2		(3.2)				-
Defer the St. Mary's Road project (from Fermor Avenue to Dunkirk Drive) under the Regional Street Renewals - Annual Program from 2002 to 2004.	(3.0)		3.0				-
Defer the Chief Peguis Trail project (Henderson Highway to Lagimodiere Boulevard) beyond 2007.						(1.0)	(1.0)
Decrease the Moray Street Extension to Grant Avenue project by $131,000	(0.1)						(0.1)
Special Innovative Capital	(0.1)		(0.1)			1.0	0.8
Total Capital Program Adopted by Council	**$ 207.2**	**$ 214.3**	**$ 268.9**	**$ 243.5**	**$ 171.9**	**$ 177.0**	**$ 1,282.8**

Exhibit 8: Glossary

Aqueduct Rehabilitation Reserve Fund - Established by City Council on January 24, 1996, the purpose of this reserve fund is for the renewal of the City's aqueduct. It is financed by monthly transfers from the Waterworks System Fund based on the amount of water consumption billed. Prior to 1996, funds were appropriated in the Waterworks System Fund for the Aqueduct Rehabilitation project.

Authorized Borrowing - The amount authorized by the Minister of Finance of the Province of Manitoba pursuant to The City of Winnipeg Act, Section 282 for The City of Winnipeg to borrow for capital purposes. Although authorized, the funds are not actually borrowed until required.

Capital - The Capital Budget is generally restricted to items which have a cost of $100,000 or more and a useful life of 10 years or longer. Minor maintenance type projects should not be included in the capital budget even though the costs may exceed the dollar limit for capital works. Major equipment replacements with very large dollar values such as computer mainframe upgrades should be included in the capital budget even though their useful life may be less than 10 years. (Tax-supported projects of this nature are financed through the Equity In Capital Assets Fund [formerly the General Reserve Fund] at a three to five year amortization rate not through external debenture financing.)

Capital Estimates - An annual plan of the capital projects to be undertaken by the City, together with the method of financing. The capital estimates are prepared for the current year and the subsequent five years. Only the current year's budget is adopted and the remaining five years are approved as a forecast. (See also Five Year Capital Forecast.)

Capital Projects/Capital Works - Capital improvements and other works are generally considered to be projects of a fixed nature and long life which provide new, additional or replacement of public facilities such as streets, water mains, sewers, public buildings, parks, playgrounds, recreational centres, land, etc. Major replacements such as asphalt resurfacing of streets, water main renewals, and waste water sewer renewals could also be considered as capital works. Land acquisition and local improvements are considered to be capital works regardless of expected cost. Capital expenditures are typically acquisition, development or major renovations to assets where the benefit of the expenditure extends into the future.

Community Committees - The City of Winnipeg Act established five sub-committees of Council consisting of three wards in each committee. Its purpose is to allow for and encourage public participation in the political process.

Debt Charges - The annual amount of principal and interest which must be paid each year through the current operating budget. There are two forms of debenture structure. A Sinking Fund debenture issue requires annual principal payments to be made to the Sinking Fund Reserve. These funds are invested for the retirement of the debenture issue on its maturity date. A serial issue requires annual payments of principal and interest in order that the debt is paid off in regular instalments throughout the life of the issue.

Environmental Projects Reserve Fund - On December 17, 1993, City Council established the River Quality Environmental Studies Reserve for the purpose of funding environmental studies for river quality. On January 24, 1996, Council changed the name of this reserve to the Environmental Projects Reserve Fund to more accurately reflect the environmental nature of the projects this reserve was set up to fund. It is financed by monthly transfers from the Sewage Disposal System Fund based on the amount of water consumption billed.

EPC - Executive Policy Committee - Chaired by the Mayor, EPC is made up of the chairpersons of Council Standing Committees and the Deputy Mayor. Its purpose is to formulate and present recommendations to Council on policies, plans, budgets, by-laws and any other matters affecting the City as a whole, to ensure the implementation of policies adopted by Council, to make recommendations to Council regarding the civic administration, and to supervise senior administrators.

Equity In Capital Assets Fund (formerly the General Reserve Fund) - A reserve fund established by Council on May 2, 1973 by a consolidation of assets and liabilities of various reserve funds of former area municipalities which were combined in 1972 to form the present City of Winnipeg. The primary purpose of the Equity In Capital Assets Fund is to internally finance a portion of the City's capital projects, instead of issuing external debt.

External Financing - Obligation resulting from the borrowing of money from sources other than City funds, primarily by the sale of debentures in public capital markets.

Financial Management Plan - The City of Winnipeg's strategy to guide its financial decision making, protect its ability to meet long-term obligations, and improve its economic position and financial stability. Council adopted this document on April 25, 2001. It outlines the City's top financial goals to strengthen its financial position.

Five-Year Capital Forecast - The long-term plan for capital expenditures to be incurred for the five years following the budget year. Section 336 (1) of the City of Winnipeg Act requires Council, in addition to the annual estimates for the budget year, to adopt a capital program for five years. The program must show priorities in the proposed capital expenditures, estimates of the proposed sources, and details of the proposed application of the required funds. Only the current year's budget is adopted, and the five-year capital forecast is only approved as a forecast.

Frontage Levies - A charge, through the property tax bill, to property owners based on the number of feet of property they have abutting city streets.

General Capital Fund - The accounting fund created to account for tax-supported capital transactions of The City of Winnipeg.

Interim Financing – Temporary financing for a capital project using short-term funds from the Equity In Capital Assets Fund and/or short-term promissory notes.

Internal Financing – A means of financing the City's capital projects from internal funding sources. In this document, internal financing usually comes from the Equity In Capital Assets Fund (formerly called the General Reserve).

Local Improvements - Alterations you pay the City to make in your area. Can be initiated either by an area resident or the City and include paving or lighting local lanes, building sidewalks or boulevards, and installing ornamental street lights.

Pay-As-You-Go – A means of financing capital projects where the City internally finances the projects from reserves established for capital purposes, from the Equity in Capital Assets Fund, from retained earnings, or from the current budget, rather than issuing external debt.

Plan Winnipeg...2020 vision - The City's strategic long-term planning document which established direction for the City and the steps that need to be taken along the way. All other documents, budgets, public works, programs, or developments initiated or approved by the City of Winnipeg must be consistent with this Plan. Council adopted *Plan Winnipeg...2020 vision* December 12, 2001.

Pointe du Bois Reserve Fund - On December 13, 1994, City Council, in accordance with Section 338(1) of the City of Winnipeg Act, established this reserve fund to provide funds necessary to redevelop the Pointe du Bois Generating Station. It is financed by an annual appropriation to retained earnings equal to at least ¼% of the previous year's sale of electricity. The Sinking Fund Trustees are responsible for investment and administration functions.

Standing Committees - Four sub-committees of Council delegated certain powers and duties to facilitate the administration of their assigned City departments, which report through them to the Executive Policy Committee and Council. They also provide a forum for public input, and receive recommendations from Community Committees related to their respective responsibilities. The four areas of responsibility are as follows: fiscal issues, property and development, public works, and protection and community services.

Tax-Supported - Programs, goods and services supplied by the City whose costs are supported, in whole or in part, by funds received through property taxation revenues.

The City of Winnipeg Act - An Act of the Province of Manitoba incorporating The City of Winnipeg, governing its structure, and delegating powers to its Council.

Transit Bus Replacement Reserve Fund - Established by City Council on December 15, 1994, the purpose of this reserve fund is to finance the replacement or refurbishment of transit buses in a scheduled and pragmatic manner. Contributions are based on a budgeted appropriation from the Transit Department, plus proceeds from the disposal of bus equipment and insurance claims on bus equipment written off. The long-term objective is that this reserve will accumulate funds through annual surpluses which will be used to finance future bus requirements. The reserve may also act as a stabilization fund for those years where the actual bus costs exceed those budgeted. This will reduce the reliance on operating and capital budgets as sources of financing. The Director of Transit is the Fund Manager.

Wastewater Sewer Renewal Reserve Fund - On May 27, 1992, City Council established this reserve fund for the purpose of renewal and rehabilitation of wastewater sewers. It is financed from the frontage levy, which can be allocated by Council between the Wastewater Sewer Renewal Reserve and the Combined Sewer Renewal Reserve as required.

Water Treatment Reserve Fund - On December 17, 1993, City Council initially established this reserve fund for the purpose of providing funding for a water treatment program. Subsequently on May 25, 1994, City Council approved recommendations for a water supply master plan, which included planning for the construction of a water treatment plant to treat Shoal Lake water within the following decade, subject to favourable results from public consultations. The Reserve is financed by monthly transfers from the Waterworks System Fund based on the amount of water consumption billed.

Watermain Renewal Reserve Fund - On February 18, 1981, City Council initially established this reserve fund for the purpose of financing from one source the renewal of watermains. It was initially created by the transfer of $2.0 million of frontage levy revenue from the Waterworks System. Since 1974, The City of Winnipeg has used a frontage levy to raise revenue for watermain renewals. On December 17, 1997 Council clarified that the frontage levy is for the specific purposes of renewal, replacement, enlargement, rehabilitation, corrosion mitigation, and non-destructive testing of watermains. On October 25, 2001 Council included the repair and replacement of streets and sidewalks in residential areas as allowable expenditures. The revised Frontage Levy By-Law comes into force January 1, 2002.

Urban Capital Projects Allocation (UCPA) - A capital projects funding agreement between the Province of Manitoba and The City of Winnipeg. The first Urban Capital Projects Allocation (UCPA I) allocated $90 million in funding for the six year period from 1985 to 1990. The second Urban Capital Projects Allocation (UCPA II) allocated $96 million for the six year period from 1991 to 1996. On April 22, 1997, the Minister of Urban Affairs of the Province of Manitoba announced a third Urban Capital Project Allocation (UCPA III) for the six year period of April 1, 1997 to March 31, 2003, at a total funding level of $96 million.